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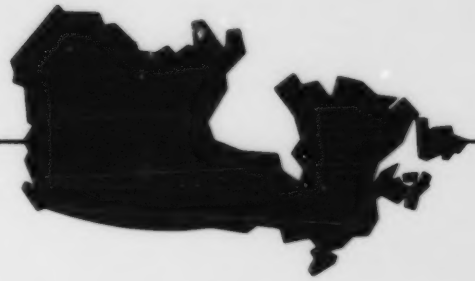
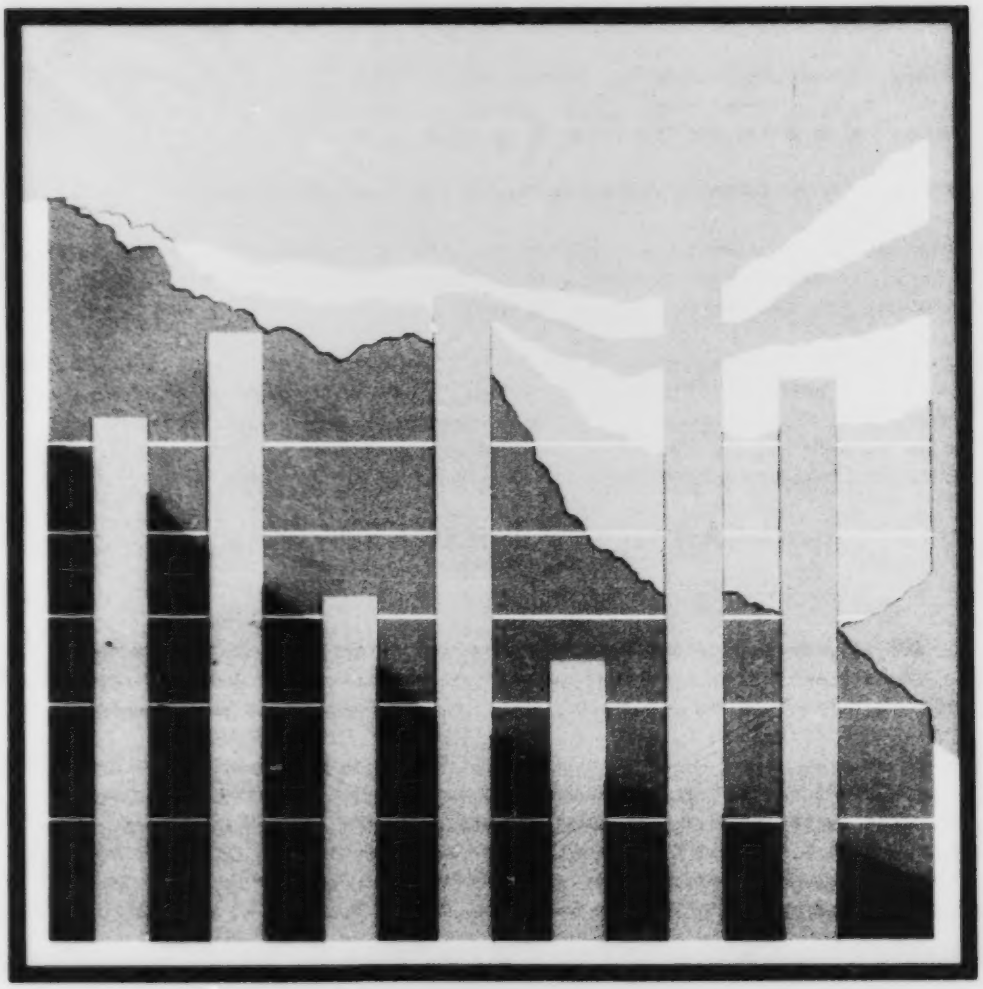
Canadian Forestry Service / Service canadien des forêts

Selected Forestry Statistics Canada 1985



Information Report E-X-37
Economics Branch, Canadian Forestry Service Headquarters



FORSTATS

Canada

86-03966/

THE CANADIAN FORESTRY SERVICE
GOVERNMENT OF CANADA

The Canadian Forestry Service is the principal source of federal expertise in forestry. Its general objective is to promote the wise management and use of Canada's forest resources for the economic, social, and environmental benefit of Canadians.

The following are the main functions of the CFS:

1. Coordination of federal policies, for the promotion of better resource management and forest industry development.

2. Provision of scientific and technological leadership in forestry through research and development.

3. Provision and analysis of national and international statistics and information as a basis for policy formulation.

4. Development and certification of codes and standards for wood product performance.

5. Protection of Canada's forests from foreign pests.

6. Fostering the potential use of the forest resource for energy.

7. Contributing to the environmental objectives of the government of Canada.

A number of federal agencies are involved in forestry programs and a Federal Forestry Sector Strategy Committee has been established to coordinate federal forestry activities. The Canadian Forestry Service has been designated the lead agency.

The Canadian Forestry Service is comprised of a headquarters unit, six forestry centres, and two national institutes. The forestry centres are responsive to regional priorities and maintain close liaison with the respective provincial government forestry departments and other clients. They also participate in, and frequently lead, national programs. The national institutes provide the focus for programs of national scope.

FORSTATS: FORestry STATisticS

The FORSTATS program provides current statistical information on Canada's forest resources, including periodic descriptions and analyses of forest inventory and growth; insect, disease, and fire losses; nursery production and silvicultural practice; and social and economic conditions.

FORSTATS involves the direct participation of the Canadian Forestry Service Headquarters in Ottawa, the FORSTATS project at the Petawawa National Forestry Institute at Chalk River, Ont., Pacific Forestry Centre in Victoria, B.C., Northern Forestry Centre in Edmonton, Alberta, Great Lakes Forestry Centre in Sault Ste. Marie, Ont., Laurentian Forestry Centre in Ste. Foy, Quebec, Maritimes Forestry Centre in Fredericton, N.B., Newfoundland Forestry Centre in St. John's, Nfld., the Forest Pest Management Institute in Sault Ste. Marie, Ont., and other federal agencies. The FORSTATS program would not be possible without the cooperation of provincial agencies and the forest industry in providing data.

SELECTED FORESTRY STATISTICS
CANADA 1985

ECONOMICS BRANCH
CANADIAN FORESTRY SERVICE
GOVERNMENT OF CANADA

APRIL 1986

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ABSTRACT

"Selected Forestry Statistics, Canada 1985" contains a series of tables on Canadian forest resources and related management activities, commodity production, shipments and trade, principal and employment statistics by industry sector, as well as selling price indexes, financial statistics, and economic indicators. Some transportation, construction, and international data have been added to complete the picture.

Over 100 tables of forest economic data at the national and provincial levels are included in the report. Data have been extracted from approximately 50 different publications. A number of figures have been included to help the reader to visualize the information. Similarly, the last section of this publication describes the main forestry and economic terms used in the tables; indicates the conversion factors used to convert from the imperial measure to metric; and lists the standard symbols used. The reader should note that the columns of figures may not add up due to rounding.

To increase the precision and facilitate the retrieval of time series data, CANSIM (a computerized data bank of Statistics Canada) was used where possible. The commodity table data were retrieved from computer tapes produced by Statistics Canada's International Trade Division and the world statistics were retrieved from a computer tape produced by the Food and Agriculture Organization of the United Nations.

Two major changes occurred in 1985. The census of manufactures is now based on the 1980 Standard Industrial Classification and the export data are now available by province of origin. Additional information is given at the beginning of the relevant sections.

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SUMMARY OF SELECTED FORESTRY STATISTICS FOR CANADA, 1985

1.	**Land area - 1981**	**9.17 million km²**		
	Inventoried forest land	3.42		
	Inventoried productive forest land	2.20		
	Agricultural land	0.66		
2.	**Ownership of inventoried forest land - 1981**	**3.42 million km²**		
	Provincial Crown	67%		
	Federal Crown	27%		
	Private	6%		
3.	**Ownership of inventoried productive forest land - 1981**	**2.20 million km²**		
	Provincial Crown	80%		
	Federal Crown	12%		
	Private	8%		
		1982	1983	
4.	**Roundwood production**	127.0	**156.9 million m³**	
	Atlantic provinces	9%	9%	
	Quebec	23%	23%	
	Ontario	16%	15%	
	Prairie provinces	8%	7%	
	British Columbia	44%	46%	
	Species mix			
	Softwoods	91%	92%	
	Hardwoods	9%	8%	
		1982	1983	1984p
5.	**Lumber production**	36.8	48.7	**49.5 million m³**
	Atlantic provinces	3%	4%	3%
	Quebec	17%	18%	18%
	Ontario	10%	8%	10%
	Prairie provinces	7%	7%	6%
	British Columbia	63%	63%	62%
	Species mix			
	Softwoods	97%	98%	97%
	Hardwoods	3%	2%	3%
		1982	1983	1984p
6.	**Wood pulp production**	18.5	20.2	**21.1 million t**
	Atlantic provinces	14%	14%	..
	Quebec	34%	32%	32%
	Ontario	20%	21%	21%
	Prairie provinces	5%	5%	..
	British Columbia	27%	28%	26%
		1982	1983	1984p
7.	**Basic paper and paperboard production**	12.5	13.5	**13.9 million t**
	Quebec	46%	45%	47%
	Ontario	25%	25%	28%
	British Columbia	15%	16%	15%
	All other provinces	14%	14%	10%

SUMMARY OF SELECTED FORESTRY STATISTICS FOR CANADA, 1985 (cont'd)

	1982	1983	1984p	
8. Shipments				
Roundwood	86.4	98.7	..	million m^3
Lumber - total	35.0	44.7	49.9	million m^3
- softwoods	34.6	44.1	..	million t
Wood pulp	7.0	8.2	8.2	million t
Paper and paperboard - total	12.0	13.0	13.9	million t
- newsprint	7.7	8.4	9.0	million t
Veneer, plywood, and particleboard	3.3	4.3	..	million m^3

	1982	1983	1984	
9. Exports of forest products	$ 12 133	$ 13 218	$ 15 730	million
Lumber - total	2 913	3 965	4 254	
- softwoods	2 847	3 896	4 179	
Wood pulp	3 221	3 049	3 908	
Paper and paperboard - total	5 008	4 869	5 930	
- newsprint	4 086	3 956	4 784	
All other	991	1 335	1 637	

	1982	1983	1984	
10. Exports of forest products by region of lading (1982-1983), origin (1984)	$ 12 133	$ 13 218	$ 15 730	million
Atlantic provinces	11%	9%	11%	
Quebec	27	25	25	
Ontario	20	21	21	
Prairie provinces	4	4	5	
British Columbia	38	41	38	

	1982	1983	1984	
11. Balance of trade, net flow	$+16 674	$+15 005	$+16 654	million
Forest products	+10 886	+11 620	+13 824	
Farm products, food and beverages	+ 5 339	+ 5 470	+ 4 987	
Coal, petroleum, natural gas, and electricity	+ 3 869	+ 5 602	+ 6 992	
Metal ores and concentrates and scrap	+ 1 701	+ 1 252	+ 1 824	
Iron, steel, nonferrous metals	+ 4 026	+ 3 897	+ 4 780	
Chemicals and fertilizers	+ 553	+ 71	+ 185	
Machinery	- 3 102	- 2 754	- 3 637	
Transportation and automotive	+ 2 240	+ 1 284	+ 2 335	
Other products (incl. special transactions)	- 8 838	-11 437	-14 636	

	1981	1982	1983	
12. Employment in forest industries	292	255	262	thousand
Logging	48	40	46	
Wood industries	113	97	102	
Paper and allied industries	131	118	114	

	1981	1982	1983	
13. Value of shipments of goods	$ 28 601	$ 25 424	29 332	million
Logging	4 430	3 995	4 915	
Wood industries	8 442	7 168	9 406	
Paper and allied industries	15 729	14 261	15 011	

SUMMARY OF SELECTED FORESTRY STATISTICS FOR CANADA, 1985 (concluded)

	1981	1982	1983	
14. Value added, total activity	$ 12 295	$ 10 234	$ 12 091	million
Logging	1 883	1 650	2 158	
Wood industries	3 447	2 708	3 993	
Paper and allied industries	6 965	5 876	5 940	

	1982	1983	1984p	
15. Corporate income taxes paid by the forest industries	$ 169	$ 179	$ 228	million
Federal income taxes	110	118	130	
Provincial income taxes	59	61	98	

	1982	1983	1984	
16. Capital and repair expenditures	$ 3 766	$ 2 983	$ 3 438	million
Logging	403	473	541	
Wood industries	586	621	701	
Paper and allied industries	2 777	1 889	2 196	

	1982	1983	1984	
17. Forest industries contribution to Canadian gross domestic products	2.9%	3.2%	..	
Atlantic provinces	x	x	..	
Quebec	3.8%	3.8	..	
Ontario	2.1%	2.2	..	
Prairie provinces	x	x	..	
British Columbia	7.3%	9.6	..	
Canadian gross domestic products at factor cost	$329 750	$360 667	$392 720	million

	1982	1983	1984	
18. Revenue freight loaded on railways	200	207	240	million t
Forest products share	14%	16%	14%	

	Percent	Rank	Volume/value	
19. Canada's share in world forest economy - 1983				
Softwood growing stock	14%	3rd	15 500	million m^3
Industrial softwood roundwood production	13%	3rd	127 592	thousand m^3
Softwood lumber output	12%	3rd	47 161	thousand t
Wood pulp production	14%	2nd	19 221	thousand t
Newsprint production	32%	1st	8 486	thousand t
Value of exports of forest products	22%	1st	10 240	million US $

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SECTION I

CANADIAN FOREST RESOURCES AND RELATED MANAGEMENT ACTIVITIES

- Fire
- Forest inventory
- Forest insect and disease conditions
- Forest management expenditures
- Reforestation
- Silviculture

1 - 1. AREA CLASSIFICATION IN CANADA, 1981

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
							1 000 km^2								
Forest land inventoried															
Productive	85	3	29	62	179	533	377	140	89	216	445	458	67	143	2 202
Unproductive	57	-	12	3	72	91	55	100	34	115	249	108	175	472	1 223
Subtotal	**142**	**3**	**41**	**65**	**251**	**624**	**432**	**240**	**123**	**331**	**694**	**566**	**242**	**615**	**3 425**
Forest land not inventoried															
Productive	-	-	-	-	-	316	49	-	-	18	18	57	-	-	440
Unproductive	-	-	-	-	-	-	326	109	55	-	164	10	-	-	500
Subtotal	**-**	**-**	**-**	**-**	**-**	**316**	**375**	**109**	**55**	**18**	**182**	**67**	**-**	**-**	**940**
Total forest land	**142**	**3**	**41**	**65**	**251**	**940**	**807**	**349**	**178**	**349**	**876**	**633**	**242**	**615**	**4 364**
Nonforest land															
Agricultural	-	3	5	4	12	38	60	76	260	191	527	22	-	-	659
Other	229	-	7	3	239	379	24	123	132	104	359	276	236	2 631	4 144
Subtotal	**229**	**3**	**12**	**7**	**251**	**417**	**84**	**199**	**392**	**295**	**886**	**298**	**236**	**2 631**	**4 803**
Total land	**371**	**6**	**53**	**72**	**502**	**1 357**	**891**	**548**	**570**	**644**	**1 762**	**931**	**478**	**3 246**	**9 167**
Water	34	-	3	2	39	184	177	102	82	17	201	18	4	133	755
Total area	**405**	**6**	**55**	**73**	**539**	**1 541**	**1 069**	**650**	**652**	**661**	**1 963**	**949**	**482**	**3 380**	**9 922**

Source: Bonnor, G.M. Canada's Forest Inventory 1981. Forestry Statistics and Systems Branch, Canadian Forestry Service, Environment Canada.

1 - 2. INVENTORIED FOREST LAND BY OWNERSHIP AND CLASS, 1981

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
								1 000 km^2							
Stocked, productive, nonreserved forest land															
Provincial	75	-	6	28	109	430	293	113	72	133	318	397	-	-	1 549
Federal	-	-	-	1	1	1	3	1	2	-	3	2	49	137	197
Private	4	-	22	30	56	57	34	4	-	-	4	14	-	-	164
Municipal/ Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**79**	**-**	**28**	**59**	**166**	**489**	**331**	**118**	**74**	**133**	**325**	**413**	**49**	**137**	**1 910**
Productive forest land															
Provincial	79	-	6	29	114	469	331	132	84	199	415	437	-	-	1 767
Federal	1	-	-	2	3	2	6	3	5	17	25	5	67	143	252
Private	4	-	22	31	57	63	39	4	-	-	4	16	-	-	180
Municipal/ Undetermined	-	3	-	-	3	-	-	-	-	-	-	-	-	-	3
Total	**85**	**3**	**29**	**62**	**179**	**533**	**377**	**140**	**89**	**216**	**444**	**458**	**67**	**143**	**2 202**
Total inventoried forest land															
Provincial	135	-	11	31	177	556	381	231	118	297	646	543	-	-	2 303
Federal	2	-	1	2	5	2	7	4	5	34	43	6	242	615	919
Private	6	-	29	32	67	66	43	5	-	-	5	17	-	-	199
Municipal/ Undetermined	--	3	-	-	3	-	--	--	-	--	-	--	-	-	4
Total	**142**	**3**	**41**	**65**	**251**	**624**	**432**	**240**	**123**	**331**	**694**	**566**	**242**	**615**	**3 425**

Source: Bonnor, G.M. Canada's Forest Inventory 1981. Forestry Statistics and Systems Branch, Canadian Forestry Service, Environment Canada.

AREA CLASSIFICATION - CANADA

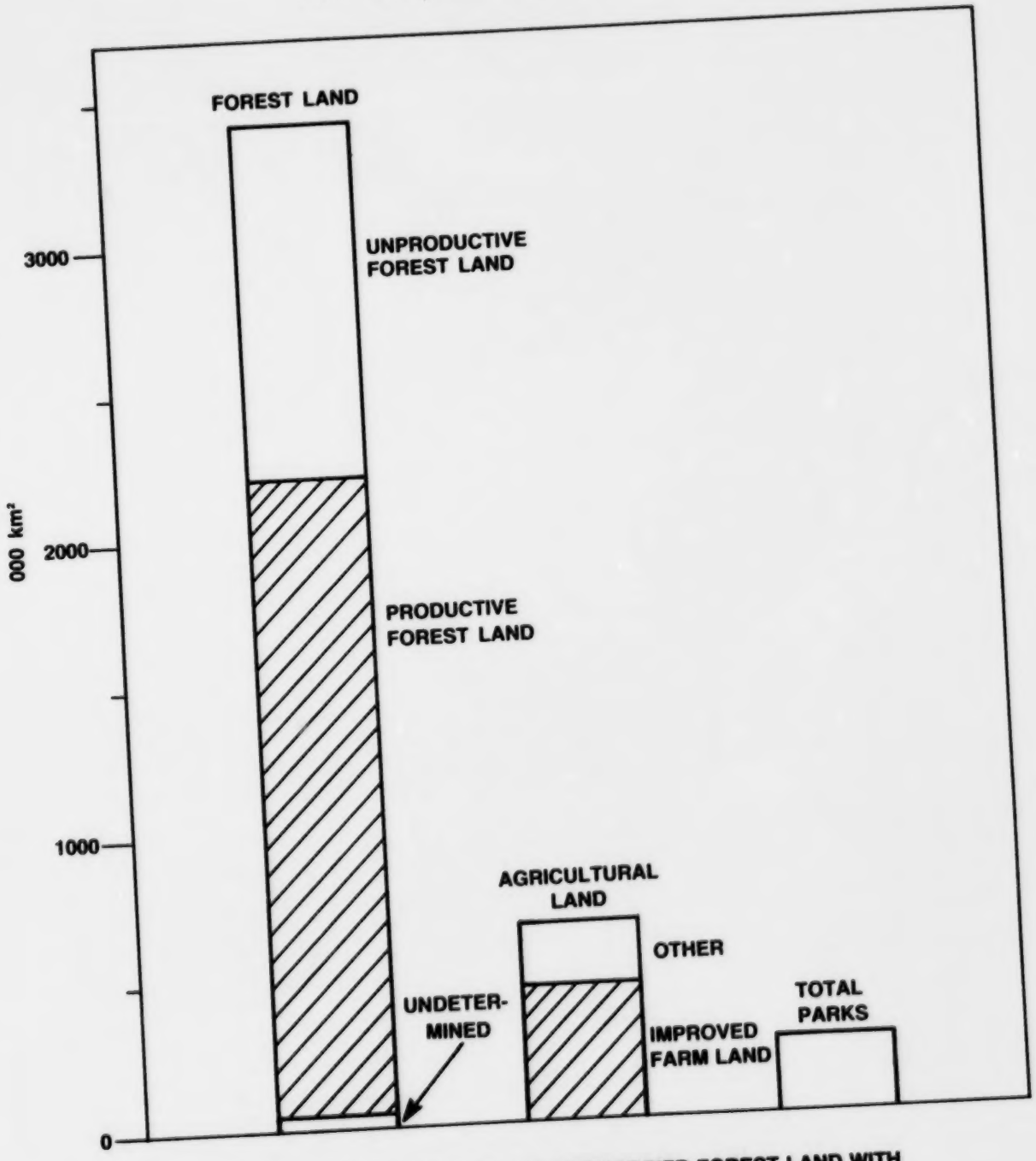

FIGURE 1. COMPARISON OF INVENTORIED FOREST LAND WITH AGRICULTURAL LAND AND PARKS.

SOURCE: CANADA'S FOREST INVENTORY 1981, CENSUS OF AGRICULTURE 1981 AND PROVINCIAL ANNUAL REPORTS.

1 - 3. GROSS MERCHANTABLE VOLUME OF WOOD ON INVENTORIED, STOCKED, PRODUCTIVE, NONRESERVED FOREST LAND, 1981

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
							1 000 000 m^3								
By age class															
Regeneration	-	-	1	-	1	160	17	-	-	1	1	1	-	-	180
Immature	-	-	12	154	166	1 149	2 151	371	-	979	1 350	1 569	209	144	6 738
Mature	69	-	139	353	561	2 824	467	239	-	326	565	6 272	40	301	11 030
Overmature	42	-	28	8	78	-	563	25	-	110	135	-	-	1	777
Uneven-aged	-	-	22	1	23	-	-	-	-	-	-	-	-	-	23
Undetermined	352	33	-	-	385	-	-	-	484	22	506	-	5	-	896
Total	**463**	**33**	**202**	**516**	**1 214**	**4 133**	**3 198**	**635**	**484**	**1 438**	**2 557**	**7 842**	**254**	**446**	**19 644**
By species															
Softwoods															
Spruce	47	12	76	154	289	1 781	1 292	258	174	395	827	1 927	-	-	6 116
Pine	-	--	13	20	33	226	553	161	110	344	615	1 614	-	-	3 041
Fir	47	8	38	118	211	977	157	10	5	33	48	1 322	-	-	2 715
Hemlock	-	--	8	6	14	25	12	-	-	-	-	1 173	-	-	1 224
Cedar	-	1	-	37	38	70	49	1	-	-	1	626	-	-	784
Douglas-fir	-	-	-	-	-	-	-	-	-	9	9	605	-	-	614
Unspecified	335	1	2	3	341	10	12	9	4	--	13	171	214	315	1 076
Total	**429**	**22**	**137**	**338**	**926**	**3 089**	**2 075**	**439**	**293**	**781**	**1 513**	**7 438**	**214**	**315**	**15 570**
Hardwoods															
Aspen/poplar	2	2	6	33	43	255	609	172	175	657	1 004	337	-	-	2 248
Birch	14	3	-	46	63	483	337	19	14	-	33	41	-	-	957
Maple	--	5	37	76	118	236	139	-	1	-	1	5	-	-	499
Unspecified	18	1	22	23	64	70	38	5	1	-	6	21	40	131	370
Total	**34**	**11**	**65**	**178**	**288**	**1 044**	**1 123**	**196**	**191**	**657**	**1 044**	**404**	**40**	**131**	**4 074**
Total all species	**463**	**33**	**202**	**516**	**1 214**	**4 133**	**3 198**	**635**	**484**	**1 438**	**2 557**	**7 842**	**254**	**446**	**19 644**

Source: Bonnor, G.M. Canada's Forest Inventory 1981. Forestry Statistics and Systems Branch, Canadian Forestry Service.

PRODUCTIVE FOREST LAND

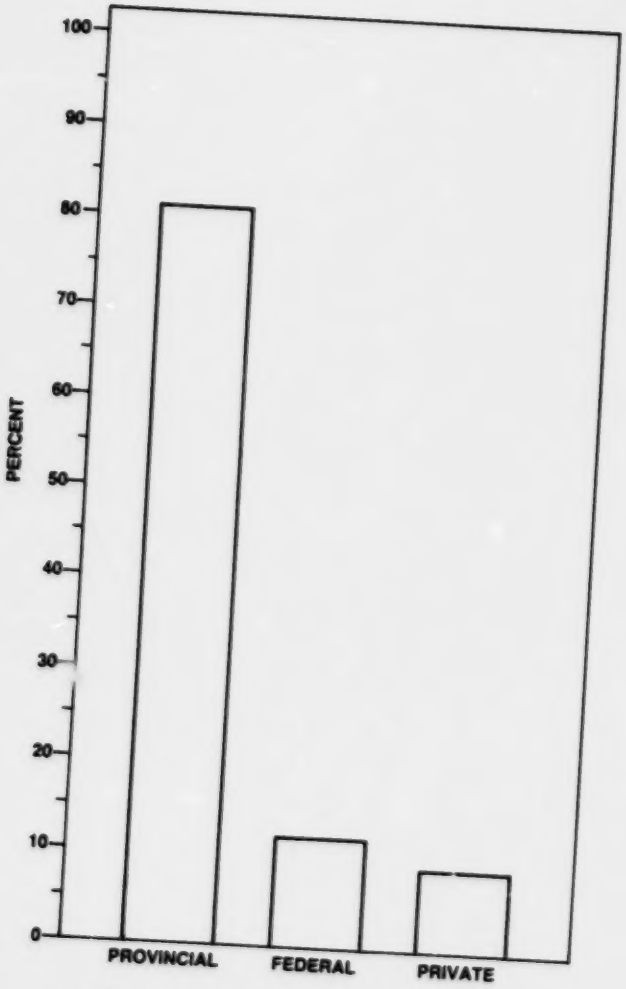

FIGURE 2. PRODUCTIVE FOREST LAND OWNERSHIP IN CANADA, 1981.

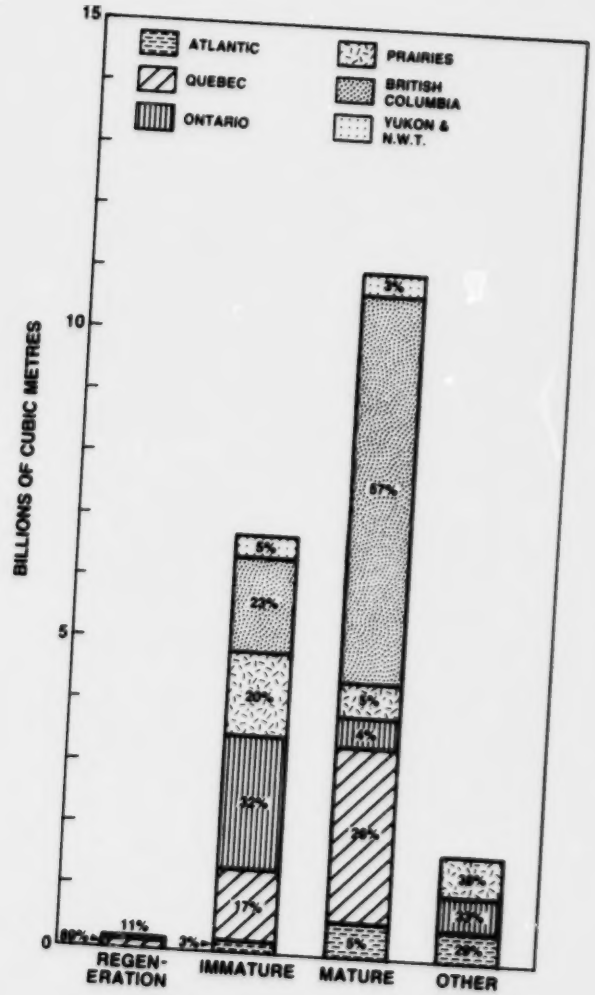

FIGURE 3. GROSS MERCHANTABLE VOLUME OF WOOD ON INVENTORIED, STOCKED, PRODUCTIVE, NON-RESERVED FOREST LAND BY AGE CLASS AND REGION, 1981.

SOURCE : CANADA'S FOREST INVENTORY 1981.

I - 4. AREA OF FARM WOODLOTS, 1951-1981

Province	1951	1961	1971	1976	1981
			1 000 ha		
Newfoundland	15	8	5	8	6
Prince Edward Island	140	120	85	75	65
Nova Scotia	747	552	300	262	241
New Brunswick	827	498	276	227	201
Atlantic provinces	1 729	1 178	666	572	513
Quebec	2 377	1 822	1 254	1 160	1 069
Ontario	1 559	1 318	931	833	742
Manitoba	734	603	389	376	248
Saskatchewan	1 192	888	404	415	282
Alberta	1 160	866	674	709	493
Prairie provinces	3 086	2 357	1 467	1 500	1 023
British Columbia	468	305	342	302	204
Total	**9 219**	**6 980**	**4 660**	**4 367**	**3 551**
Total area of farms	**70 434**	**69 829**	**68 662**	**68 427**	**65 889**

Note: A 1981 "Census Farm" is defined as a farm, ranch, or other agricultural holding with sales of agricultural products during the past 12 months of $250 or more.

Source: Statistics Canada. Census of Agriculture, 1981, Cat. No. 96-901.

I - 5. FARM WOODLOTS IN CANADA, 1981

Province	Area of woodlots (ha)	Forest products sales*	
		No. of farms reporting	Value of sales ($000)
Newfoundland	5 755	40	92
Prince Edward Island	65 436	253	363
Nova Scotia	240 842	1 382	4 726
New Brunswick	200 532	1 093	4 332
Atlantic provinces	512 565	2 768	9 513
Quebec	1 069 500	10 445	23 975
Ontario	742 291	4 326	11 957
Manitoba	248 184	278	1 080
Saskatchewan	281 653	246	993
Alberta	492 672	540	2 542
Prairie provinces	1 022 509	1 064	4 615
British Columbia	204 029	1 255	14 928
Total	**3 550 894**	**19 858**	**64 988**

* Includes sales of Christmas trees, fuelwood, and logs, and income from stumpage leases where an agreed amount is paid for cutting timber or pulpwood from the land. It excludes the sale of maple products.

Source: Statistics Canada. Census of Agriculture, 1981, Cat. No. 96-901.

I - 6. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982

Province or territory	Year	Area harvested	Area of site preparation	Area planted*	Area directly seeded	Area of stand tending	Area of pest control
				hectares			
Newfoundland	1975	15 700e	-	-	-	251	-
	1976	14 700e	-	-	-	236	-
	1977	14 300e	28	-	-	2 340	76 910
	1978	17 600e	320	-	-	2 327	376 600
	1979	17 700e	1 508	184	-	2 790	5 870
	1980	15 175	379	360	36	33	-
	1981	13 454	1 317	1 853	54	2 615	-
	1982	8 000	1 856	802	230	3 901	-
Prince Edward Island	1975	1 600	-	120	-	-	-
	1976	1 600	48	120	-	-	-
	1977	1 600	-	120	-	-	-
	1978	1 600	16	94	-	-	-
	1979	1 780	566	84	-	20	-
	1980	2 500	566	423	-	49	-
	1981	2 700e	289	490	-	353	-
	1982	2 700e	511	475	-	1 112	-
Nova Scotia	1975	27 260	595	1 425	-	1 334	-
	1976	26 285	634	1 230	10	1 625	-
	1977	28 335	850	2 331	1	2 146	556
	1978	32 120	2 608	3 290	127	2 504	25 670
	1979	33 703	2 255	2 676	77	3 556	30 752
	1980	36 439	8 010	3 741	-	7 451	25 670
	1981	36 429	8 845	5 085	-	9 264	31 195
	1982	35 710	7 410	4 249	55	5 923	19 153
New Brunswick	1975	94 400e	10 100	6 675	125	-	2 695 000
	1976	92 800e	11 000	8 050	550	-	3 881 000
	1977	86 500e	13 900	9 607	393	1 032	1 682 000
	1978	89 200e	16 000	10 700	-	1 807	1 554 000
	1979	100 000e	18 500	15 700	-	3 436	1 598 000
	1980	85 900e	24 926	22 038	-	18 924	1 900 000
	1981	65 500e	27 384	22 121	172	17 618	1 693 000
	1982	72 445e	18 601	22 458	9	18 263	1 867 570
Atlantic Provinces	1975	138 960e	10 695	8 220	125	1 585	2 695 000
	1976	135 385e	11 682	9 400	560	1 861	3 881 000
	1977	130 735e	14 778	12 058	394	5 518	1 759 466
	1978	140 520e	18 944	14 084	127	6 638	1 956 270
	1979	153 183e	22 829	18 644	77	9 802	1 634 622
	1980	140 014e	33 881	26 562	36	26 457	1 925 670
	1981	118 083e	37 835	29 549	226	29 850	1 724 195
	1982	118 855e	28 378	27 984	294	29 199	1 886 723

I - 6. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONTINUED)

Province or territory	Year	Area harvested	Area of site preparation	Area planted*	Area directly seeded	Area of stand tending	Area of pest control
				hectares			
Quebec	1975	135 094	3 008	15 905	5 693	..	2 800 000e
	1976	181 737	2 570	15 329	1 810	..	2 900 000e
	1977	193 295	7 555	16 544	3 373	..	1 400 000e
	1978	226 127	9 539	14 079	5 703	..	1 200 000e
	1979	241 826	14 769	14 062	6 744	..	600 000e
	1980	245 000	13 903	13 841	9 949	10 829	188 511
	1981	250 000	16 152	15 875	9 525	12 686	705 164
	1982	195 000	14 800	17 077	14 506	6 446	1 298 495
Ontario	1975	196 760	45 231	30 050	23 510	33 277	14 167
	1976	156 721	39 157	26 170	27 039	38 324	41 060
	1977	187 993	47 961	26 507	28 791	52 850	10 522
	1978	194 998	48 706	27 549	23 582	48 269	4 085
	1979	218 578	53 390	30 830	24 251	39 228	22 702
	1980	242 679	56 620	32 080	47 294	51 036	36 422
	1981	227 603	57 157	38 107	27 869	41 444	11 733
	1982	222 921	70 984	37 842	29 991	54 506	3 827
Manitoba	1975	15 700e	3 965	1 116	223	562**	-
	1976	17 000e	4 038	1 046	199	377**	-
	1977	18 000e	4 080	832	61	558**	-
	1978	20 000e	4 443	1 220	126	624**	-
	1979	24 600	4 356	570	2 774	220**	-
	1980	24 600	4 055	762	1 093	263**	-
	1981	18 900	4 161	4 134	272	-	-
	1982	20 400	3 627	2 203	118	-	-
Saskatchewan	1975	13 814	2 267	3 554	-	-	-
	1976	9 727	5 717	4 439	-	-	-
	1977	14 231	3 905	6 231	-	-	-
	1978	14 909	6 344	6 591	-	-	-
	1979	20 396	6 951	5 683	-	142†	-
	1980	20 746	7 056	4 109	-	367†	-
	1981	19 690	7 125	6 865	-	369†	-
	1982	19 700e	12 966	6 270	-	68†	-
Alberta	1975	20 256	15 822	6 016	7 906	143††	-
	1976	19 060	14 944	4 799	6 470	906††	-
	1977	21 450	18 905	5 484	7 668	123††	-
	1978	22 103	18 635	7 145	5 416	152††	-
	1979	24 689	14 536	8 264	4 539	272††	-
	1980	29 762	15 856	11 556	6 635	350††	-
	1981	32 302	18 905	12 989	4 701	967††	-
	1982	37 120	26 566	18 107	5 400	1 397††	-

I - 6. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONCLUDED)

Province or territory	Year	Area harvested	Area of site preparation	Area planted*	Area directly seeded	Area of stand tending	Area of pest control
				hectares			
Prairies	1975	49 770e	22 054	10 686	8 129	705	-
	1976	45 787e	24 699	10 284	6 669	1 283	-
	1977	53 681e	26 890	12 547	7 729	681	-
	1978	57 012e	29 412	14 956	5 542	776	-
	1979	69 685	25 843	14 517	7 313	634	-
	1980	75 108	26 967	16 427	7 728	980	-
	1981	70 892	30 191	23 988	4 973	1 336	-
	1982	77 220e	43 159	26 580	5 518	1 465	-
British Columbia	1975	156 976	73 809	63 078e	-	1 841	1 785
	1976	175 952	77 249	60 161e	-	9 733	2 667
	1977	166 081	48 169	55 741e	-	23 435	2 384
	1978	196 533	51 408	58 269e	-	26 586	2 908
	1979	187 547	67 295	63 677e	-	33 279	2 287
	1980	187 834	65 194	63 675e	-	30 877	1 564
	1981	147 889	54 893	66 605e	-	37 677	3 830
	1982	162 172	62 631	82 795e	-	26 031	-
Yukon and Northwest Territories	1975	1 326	-	-	-	-	-
	1976	956	-	-	-	-	-
	1977	1 435	-	-	-	-	-
	1978	1 628	-	-	-	-	-
	1979	909	224	-	-	-	-
	1980	800	-	-	-	-	-
	1981	948	-	-	-	-	-
	1982	470	-	-	-	-	-
Canada	1975	678 886	154 797	127 939	37 457	37 408	5 510 952
	1976	696 538	155 357	121 344	36 078	51 201	6 824 727
	1977	733 220	145 353	123 397	40 287	82 484	3 172 372
	1978	816 818	158 009	128 937	34 954	82 269	3 163 263
	1979	871 728	184 350	141 730	38 385	82 943	2 259 611
	1980	891 435	196 565	152 585	65 007	120 179	2 152 167
	1981	815 415	196 228	174 124	42 593	122 993	2 444 922
	1982	776 638	219 952	192 278	50 309	117 647	3 189 045

* Container and bare-root stock.
** Thinning only.
† Mostly manual weeding.
†† Thinning only.

Source: Kuhnke, D.H. and Brace, L.G. Silviculture statistics for Canada, 1975-76 to 1982-83. Canadian Forestry Service.

I - 7. FOREST FIRE STATISTICS BY PROVINCE, 1980-1984*

Province or territory	No. of fires	Area burned (ha)	Value lost	Fire control expenditure	
				Budgeted costs	Fire fighting costs
				$000	
Newfoundland					
1980	60	954	120	3 250	420
1981	131	13 087	698	2 400	665
1982	165	4 392	60	3 300	130
1983	138	16 792	24	3 428	50
1984	101	7 743	..	1 735	592
Prince Edward Island					
1980	16	67	..	..	..
1981	40	146	6	9	13
1982	53	131	10	25	..
1983	55	321	15	24	..
1984	38	202	4	30	34
Nova Scotia					
1980	439	953	..	1 924	300
1981	449	370	..	1 226	120
1982	491	617	..	585	186
1983	332	449	..	624	159
1984	446	594	..	..	250
New Brunswick					
1980	389	2 815	887	339	770
1981	275	389	342	425	263
1982	487	6 537	3 677	486	3 010
1983	456	1 852	2 093	1 072	2 229
1984	395	580	79	1 186	517
Atlantic provinces					
1980	904	4 789	1 007	5 513	1 490
1981	895	13 992	1 046	4 060	1 061
1982	1 196	11 677	3 747	4 396	3 326
1983	981	19 414	2 132	5 148	2 438
1984	980	9 119	83	2 951	1 393
Quebec					
1980	947	31 573	847**	19 170	1 869
1981	1 114	2 480	343	20 775	2 369
1982	1 202	7 970	886	19 800	3 249
1983	1 653	238 903	26 430	23 200	11 803
1984	683	3 082	262	22 800	1 100

I - 7. FOREST FIRE STATISTICS BY PROVINCE, 1980-1984[a] (CONTINUED)

Province or territory	No. of fires	Area burned (ha)	Value lost	Fire control expenditure	
				Budgeted costs	Fire fighting costs
			$000		
Ontario					
1980	1 779	560 325	72 094	20 708	56 183
1981	1 656	179 473	9 171	26 800	2 700
1982	1 396	3 892	117	24 800	16 999
1983	2 244	443 655	15 583	24 500	20 000
1984	1 240	297 564	1 440	26 000	7 500
Manitoba					
1980	1 082	514 292	109 431	3 031	7 155
1981	712	396 454	60 789	1 000	7 353
1982	425	15 444	2 225	8 461	2 725
1983	535	99 153	5 773	8 500	8 259
1984	692	130 189	12 940	7 600	7 337
Saskatchewan					
1980	743	1 348 792	17 603	790	15 311
1981	965	1 647 971	538 531	780	21 995
1982	596	64 586	..	1 082	8 250
1983	437	52 172	35 583	8 000	7 589
1984	549	13 036	59 239	9 020	14 724
Alberta					
1980	1 348	672 460	115 349	7 829	37 341
1981	1 522	1 365 600	186 998	22 198	51 830
1982	1 256	679 683	138 015	32 684	55 912
1983	756	2 818	309	19 075	16 214
1984	1 370	79 966	3 129	19 658	7 804
Prairies					
1980	3 173	2 535 544	242 383	11 650	59 807
1981	3 199	3 410 025	786 318	23 978	81 178
1982	2 277	759 713	140 240	42 227	66 887
1983	1 728	154 143	41 665	35 575	32 062
1984	2 611	223 191	75 308	36 279	29 865
British Columbia					
1980	1 743	65 578	21 526	7 718	18 024
1981	2 737	106 593	12 857	6 995	39 223
1982	2 205	348 693	43 890	6 456	42 258
1983	1 705	67 365	12 309	50 000	24 800
1984	3 063	19 908	4 295	46 000	37 500

I - 7. FOREST FIRE STATISTICS BY PROVINCE, 1980-1984* (CONCLUDED)

Province or territory	No. of fires	Area burned (ha)	Value lost	Fire control expenditure	
				Budgeted costs	Fire fighting costs
			----------	$000	----------
Yukon					
1980	150	130 781	6 914	2 855	2 045
1981	91	35 159	1 726	4 428	3
1982	204	254 891	5 994	3 792	532
1983	198	43 006	1 672	5 746	1 478
1984	168	19 895	967	5 900	1 300
Northwest Territories					
1980	345	1 214 396	7 030	3 750	11 800
1981	311	984 932	6 266	3 800	7 582
1982	357	302 150	1 705	4 200	7 283
1983	337	226 841	1 585	9 667	7 700
1984	311	41 074	219	5 495	4 800
National Parks					
1980	100	279 164	30	—	3 370
1981	142	680 711	..	2 629	1 769
1982	104	8 605	..	1 385	1 031
1983	84	848	..	1 649	300
1984	161	21 486	..	2 240	2 018
Other federal lands					
1980	6	17	2	86	3
1981	-	-	-	-	6
1982	-	-	-	-	-
1983	-	-	-	-	-
1984	-	-	-	-	-
Total					
1980	9 147	4 822 167	351 833	71 450	154 591
1981	10 145	5 413 365	817 727	93 965	135 891
1982	8 941	1 697 591	196 579	107 056	141 565
1983	8 930	1 194 175	101 375	155 486	100 580
1984	9 217	635 318	82 573	147 665	85 474

* Preliminary figures for 1981-1984.

** Excludes the value of timber lost on 18 396 ha in the limited protection zone from 1980 to 1982.

Source: Ramsey, G.S.; Higgins, D.G. Canadian Forest Fire Statistics 1980. Canadian Forestry Service, Environment Canada and preliminary version 1981-1984.

1 - 8. STATISTICS ON FOREST INSECT AND DISEASE CONDITIONS - ESTIMATED AVERAGE ANNUAL DEPLETION CAUSED BY IMPORTANT PESTS, 1977-1981

Type	Average annual mortality volume	Growth reduction	Wood destruction	Total
		1 000 000 m^3		
A. Insects				
Spruce budworms				
Nfld.	3.7	..	-	3.7
P.E.I.	..	..	-	..
N.S.	3.1	..	-	3.1
N.B.	1.6	..	-	1.6
Que.	14.8	..	-	14.8
Ont.	11.6	..	-	11.6
Total	34,8	9.7		44.5
Mountain pine beetle	5.1	..	-	5.1
Spruce bark beetle	3.5	..	-	3.5
Other bark beetles	0.3	..	-	0.3
Aspen defoliators	..	8.0	-	8.0
Miscellaneous defoliators	0.3	0.8	-	1.1
Total	**44.0**	**18.5**	**-**	**62.5**
B. Diseases				
Dwarf mistletoes	...	3.8	-	38.8
Hypoxylon canker	11.2	..	-	11.2
Decays	...	...	25.0	25.0
Miscellaneous diseases	4.9	..	-	4.9
Total	**16.1**	**3.8**	**25.0**	**44.9**
Total insects and diseases	**60.1**	**22.3**	**25.0**	**107.4**

Source: Sterner, T.E.; Davidson, A.G. (compilation) and regional centers (collaboration). Forest Insect and Disease Conditions in Canada 1981. Canadian Forestry Service, Environment Canada.

1 - 9. STATISTICS ON PLANTING STOCK FOR REFORESTATION PURPOSES BY OWNERSHIP AND BY PROVINCE, 1984-1986

Province or territory	Number of production centers	Area available for production*	Seedling production			Seedling production by ownership 1986 in %			
			Shippable trees 1984	Planned production 1985	Planned production 1986	Federal	Provincial	Industry	Private
			----------000----------						
A. Containerized seedling production									
Nfld.	3	3 204	2 439	3 165	3 165	-	100.0	-	-
P.E.I.	1	3 717	1 214	1 675	2 000	-	100.0	-	-
N.S.	8	27 407	12 073	23 900	29 754	-	64.4	19.1	16.5
N.B.	10	53 316	39 802	54 391	54 411	-	61.2	38.3	0.5
Atlantic provinces	22	87 644	55 528	83 131	89 330	..	..	..	..
Quebec	15	126 870	21 500	35 000	99 000	-	50.5	-	49.5
Ontario	40	77 979	81 458	79 234	88 986	-	9.1	-	90.9
Manitoba	2	6 582	3 722	7 688	10 360	-	100.0	-	-
Sask.	1	1 134	-	765	1 530	-	100.0	-	-
Alberta	5	27 115	15 139	23 740	23 750	-	75.8	12.6	11.6
Prairies	8	34 831	18 861	32 193	35 640	-	..	..	..
B.C.	37	189 268	74 702	155 338	241 598	-	46.6	7.6	45.8
Total	**122**	**516 592**	**252 049**	**384 896**	**54 554**	**-**	**46.6**	**8.6**	**44.8**
B. Bare-root seedling production									
Nfld.	1	40	3 242	7 000	9 000	-	100.0	-	-
P.E.I.	1	20	315	390	400	-	100.0	-	-
N.S.	2	99	4 600	4 400	6 500	-	100.0	-	-
N.B.	2	126	14 300	13 000	13 000	-	26.9	73.1	-
Atlantic provinces	6	285	22 457	24 790	28 900	-	..	..	..
Quebec	8	387	47 400	66 500	61 000	-	86.9	-	13.1
Ontario	11	761	59 938	71 151	68 875	-	98.3	1.7	-
Manitoba	1	38	2 700	4 500	4 500	-	100.0	-	-
Sask.	4	151	10 647	11 365	18 159	-	100.0	-	-
Alberta	2	100	9 600	14 200	12 300	-	97.6	-	2.4
Prairies	7	289	22 947	30 065	34 959	-	..	..	..
B.C.	11	853	53 329	53 696	51 450	-	80.1	9.7	10.2
Total	**43**	**2 575**	**206 071**	**246 202**	**245 184**	**-**	**88.1**	**6.4**	**5.5**

* Containerized seedling: square metres; bare-root seedling: hectares.

Source: Smyth, J.H.; Brownwright, A.J. Forest Tree Production Centres in Canada - 1985. Canadian Forestry Service.

I - 10. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT ACTIVITIES, 1977-1983*

Source	Year	Silviculture	Forest protection	Resource access	Research	Inventory	Timber management	Administration	Total
				$ 000 000					
Provincial	1977	83.5	90.5	45.2	6.2	13.6	-	121.8	360.8
	1979	115.7	125.8	72.3	9.9	13.7	43.1	110.0	490.5
	1981	195.6	262.8	79.5	16.5	20.8	71.6	138.8	785.6
	1982	227.6	240.2	74.8	17.5	20.6	78.5	160.7	820.0
	1983	240.9	182.1	87.1	18.3	21.3	75.1	159.2	783.9
Federal	1977	18.6	6.2	10.6	31.0	0.8	-	10.5	77.7
	1979	26.9	11.2	19.2	30.1	1.4	2.9	11.5	103.2
	1981	33.7	22.5	23.0	39.9	1.8	3.1	18.6	142.6
	1982	46.4	26.5	17.7	46.2	0.6	2.3	11.1	150.8
	1983	58.4	25.8	20.7	58.9	0.7	2.8	16.3	183.6
Industry	1977	16.1	18.6	161.0	-	25.1**	..	..	220.8
	1979	21.9	20.9	193.2	-	42.0**	..	..	278.0
	1981	43.0	26.3	162.8	-	87.4**	..	..	319.5
	1982	..	..	..	..	..	..	..	..
	1983	36.6	33.7	121.8	-	88.1**	..	..	280.3
Total expenditures	1977	118.2	115.3	216.8	37.2	..	..	..	659.3
	1979	164.5	157.9	284.7	40.0	..	..	..	871.7
	1981	272.3	311.6	265.3	56.4	..	..	..	1 247.7
	1982	274.0	266.7	92.5	63.7	..	..	..	970.8
	1983	335.9	241.6	229.6	77.2	..	..	..	1 247.8

* 1977 for fiscal year 1977-1978, 1979 for 1979-1980, 1981 for 1981-1982, 1982 for 1982-1983, and 1983 for 1983-1984.
** Include only the "other forestry" category of the industrial expenditure.

Source: Barron, D.E.; Smyth, J.H.; Campbell, K.L.; Martel, J.P. Forest Management Expenditures in Canada, 1977-1983. Canadian Pulp and Paper Association and Canadian Forestry Service.

I - 11. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT BY OWNERSHIP, ACTIVITY AND PROVINCE, 1977-1983*

Source/ activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Sub-total	Yukon and N.W.T.	Canada
								$000 000								
A. Source																
Provincial	1977	6.4	0.2	12.4	16.1	35.1	73.6	86.9	6.3	7.7	26.9	40.9	125.2	361.7	-	361.6
	1979	7.1	0.6	8.3	18.3	34.3	95.1	106.2	9.5	13.2	45.4	68.1	186.7	490.4	-	490.4
	1981	13.3	1.2	10.6	26.7	51.8	106.5	176.3	15.7	34.0	116.3	166.0	284.9	785.5	-	785.5
	1983	12.2	1.6	14.3	31.9	60.0	131.3	237.2	5.8	14.3	64.6	84.7	270.7	783.9	-	783.9
Federal	1977	11.3	0.6	1.2	10.5	23.6	23.0	10.8	-	0.6	4.2	4.8	4.1	66.3	10.5	76.8
	1979	8.6	1.4	3.0	12.4	25.4	35.6	11.5	1.3	3.3	3.6	8.2	10.4	91.1	12.2	103.3
	1981	8.2	2.0	5.0	14.5	29.7	46.7	24.3	-	2.4	4.9	7.3	10.0	118.0	24.7	142.7
	1983	15.8	2.0	4.3	17.6	39.7	64.2	31.0	-	-	7.3	7.3	14.3	156.5	27.1	183.6
Industrial	1977	1.4	-	5.3	10.8	17.5	43.4	29.9	1.0	2.8	13.0	16.8	113.7	221.3	-	221.3
	1979	3.6	-	5.3	14.7	23.6	48.3	29.0	1.6	3.1	8.5	13.2	164.8	278.9	-	278.9
	1981	7.8	-	10.4	20.7	38.9	55.2	29.0	2.4	4.8	10.2	17.4	179.1	319.6	-	319.6
	1983	5.0	-	7.7	13.6	26.3	51.9	32.8	1.6	1.9	16.4	19.9	149.3	280.3	-	280.3
B. Activity																
Silviculture	1977	0.9	0.6	3.8	7.9	13.2	24.9	31.9	0.9	2.7	6.3	9.9	38.3	118.2	-	118.2
	1979	0.6	1.3	3.9	10.4	16.2	30.2	42.3	2.1	4.1	8.7	14.9	60.9	164.5	-	164.5
	1981	4.0	1.7	8.7	17.9	32.3	43.1	80.4	1.3	4.0	12.8	18.1	98.4	272.3	-	272.3
	1983	8.6	2.2	9.6	15.5	35.9	71.5	95.5	1.9	4.1	17.2	23.2	109.8	335.9	-	335.9
Protection	1977	2.5	-	1.3	9.8	13.6	31.2	32.0	3.5	3.0	9.7	16.2	16.4	109.4	5.9	115.3
	1979	5.6	0.1	2.9	9.3	17.9	23.2	33.4	6.0	5.4	19.4	30.8	42.3	147.6	10.2	157.8
	1981	7.6	0.1	3.7	15.6	27.0	29.9	52.3	11.6	26.4	76.8	114.8	65.3	289.3	22.3	311.6
	1983	3.6	-	3.3	16.6	23.5	49.6	65.2	1.9	7.8	19.5	29.2	48.9	216.3	25.3	241.6

I - 11. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT BY OWNERSHIP, ACTIVITY AND PROVINCE, 1977-1983* (CONCLUDED)

Source/ activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Sub-total	Yukon and N.W.T.	Canada
								$000 000								
Access roads	1977	4.6	-	4.9	4.7	14.2	41.5	31.5	1.7	3.6	8.6	13.9	115.7	216.8	-	**216.8**
	1979	4.1	0.1	5.1	5.4	14.7	53.7	32.0	2.0	6.3	5.2	13.5	170.8	284.7	-	**284.7**
	1981	4.8	0.1	6.1	2.9	13.9	53.7	43.6	2.4	6.3	7.7	16.4	137.7	265.3	-	**265.3**
	1983	5.8	0.1	5.2	3.8	14.9	46.2	71.3	1.1	0.4	6.4	7.6	89.6	229.6	-	**229.6**
Research**	1977	1.8	-	0.3	3.8	5.9	9.3	11.6	-	-	3.8	3.8	6.6	37.2	-	**37.2**
	1979	2.1	0.1	0.3	5.3	7.8	6.3	13.3	-	-	3.6	3.6	9.0	40.0	-	**40.0**
	1981	3.4	0.3	0.3	6.5	10.5	7.7	17.5	-	-	5.7	5.7	15.0	56.4	-	**56.4**
	1983	4.3	0.1	0.5	8.7	13.6	10.4	25.6	-	0.1	9.7	9.8	17.7	77.2	-	**77.2**
Other†	1977	9.3	0.2	8.6	11.1	29.2	33.1	20.4	1.2	1.7	15.7	18.6	65.9	167.2	4.6	**171.8**
	1979	6.7	0.4	4.1	14.9	26.1	65.7	25.6	2.1	3.7	20.5	26.3	78.9	222.6	2.0	**224.6**
	1981	9.4	1.0	7.2	19.0	36.6	73.9	35.9	2.8	4.5	28.4	35.7	157.6	339.7	2.4	**342.1**
	1983	10.7	1.2	7.7	18.7	38.3	69.8	43.3	2.6	3.8	35.6	42.0	168.2	361.6	1.9	**363.5**
Total	**1977**	**19.1**	**0.8**	**18.9**	**37.3**	**76.1**	**140.0**	**127.4**	**7.3**	**11.0**	**44.1**	**62.4**	**242.9**	**648.8**	**10.5**	**659.3**
	1979	**19.1**	**2.0**	**16.3**	**45.3**	**82.7**	**179.1**	**146.6**	**12.2**	**19.5**	**57.4**	**89.1**	**361.9**	**859.4**	**12.2**	**871.6**
	1981	**29.2**	**3.2**	**26.0**	**61.9**	**120.3**	**208.3**	**229.7**	**18.1**	**41.2**	**131.4**	**190.7**	**474.0**	**1 223.0**	**24.7**	**1 247.7**
	1983	**33.0**	**3.6**	**26.3**	**63.1**	**126.0**	**247.4**	**300.9**	**7.4**	**16.2**	**88.4**	**112.0**	**434.2**	**1 220.7**	**27.1**	**1 247.8**

* 1977 for fiscal year 1977-1978, 1979 for 1979-1980, 1981 for 1981-1982, and 1983 for 1983-1984.

** Research expenditures include only provincial and federal estimates.

† Other expenditures in this case include the "inventory", "timber management" and "administration and other" categories of the public expenditures and the "other forestry" category of the industrial expenditure.

Source: Barron, D.E.; Smyth, J.H.; Campbell, K.L.; Martel, J.P. Forest Management Expenditures in Canada, 1977-1983. Canadian Pulp and Paper Association and Canadian Forestry Service.

SECTION II

COMMODITY PRODUCTION AND SHIPMENTS

- Roundwood
- Lumber
- Wood pulp
- Paper and paperboard
- Wood based panels

II - 1. ESTIMATION OF ROUNDWOOD PRODUCTION BY SPECIES GROUP, 1950-1983

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulp-wood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
					1 000 m^3							
1950	40 095	32 311	1 700	**74 106**	..	..	..	..	**11 509**	..	..	**85 615**
1960	51 120	33 924	1 461	**86 505**	..	..	..	..	**6 751**	..	..	**93 256**
1970	75 644	40 402	1 278	**117 324**	109 323	8 001	1 527	2 569	**4 096**	110 669	10 750	**121 419**
1971	79 948	36 902	1 141	**117 991**	109 777	8 214	1 276	2 458	**3 734**	109 029	10 672	**119 701**
1972	81 211	38 428	1 109	**120 748**	111 331	9 417	1 196	2 187	**3 383**	112 526	11 604	**124 131**
1973	96 886	42 378	1 079	**140 343**	129 688	10 655	1 165	2 297	**3 462**	130 853	12 952	**143 806**
1974	85 295	48 034	1 087	**134 416**	124 575	9 841	1 149	2 363	**3 512**	125 724	12 204	**137 928**
1975	73 543	37 063	891	**111 497**	103 437	8 060	1 211	2 554	**3 765**	104 648	10 614	**115 262**
1976	97 135	36 832	1 260	**135 227**	127 083	8 144	1 266	2 633	**3 899**	128 349	10 777	**139 126**
1977	103 707	36 732	1 141	**141 580**	132 652	8 928	1 017	2 665	**3 682**	133 669	11 593	**145 262**
1978	111 536	38 039	1 344	**150 918**	142 798	8 914	1 109	3 074	**4 183**	143 114	11 988	**155 102**
1979	114 433	40 242	1 789	**156 464**	147 661	9 590	1 281	3 225	**4 506**	148 155	12 815	**160 970**
1980	109 957	38 783	1 909	**150 649**	141 285	9 364	1 278	3 453	**4 731**	142 563	12 817	**155 380**
1981	96 318	41 204	1 562	**139 084**	130 633	8 451	1 410	4 078	**5 488**	132 043	12 529	**144 572**
1982	88 869	31 084	1 390	**121 343**	114 317	7 026	1 548	4 125	**5 673**	115 865	11 151	**127 016**
1983	111 269	38 090	1 365	**150 724**	142 293	8 431	1 609	4 588	**6 197**	143 902	13 019	**156 921**

Source: Statistics Canada Cat. No. 25-201.

ROUNDWOOD

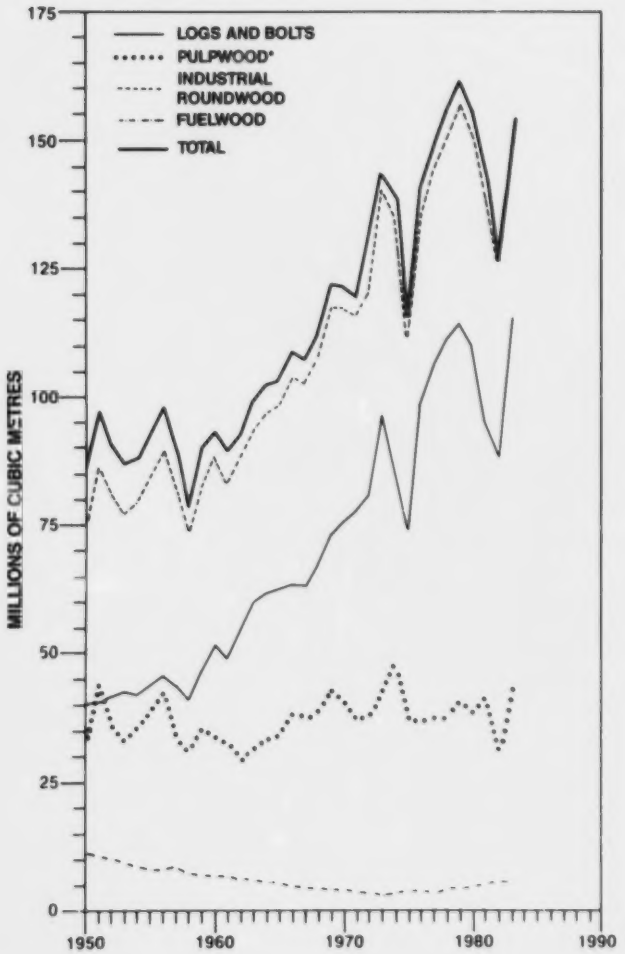

FIGURE 4. ROUNDWOOD PRODUCTION IN CANADA, 1950-1983.

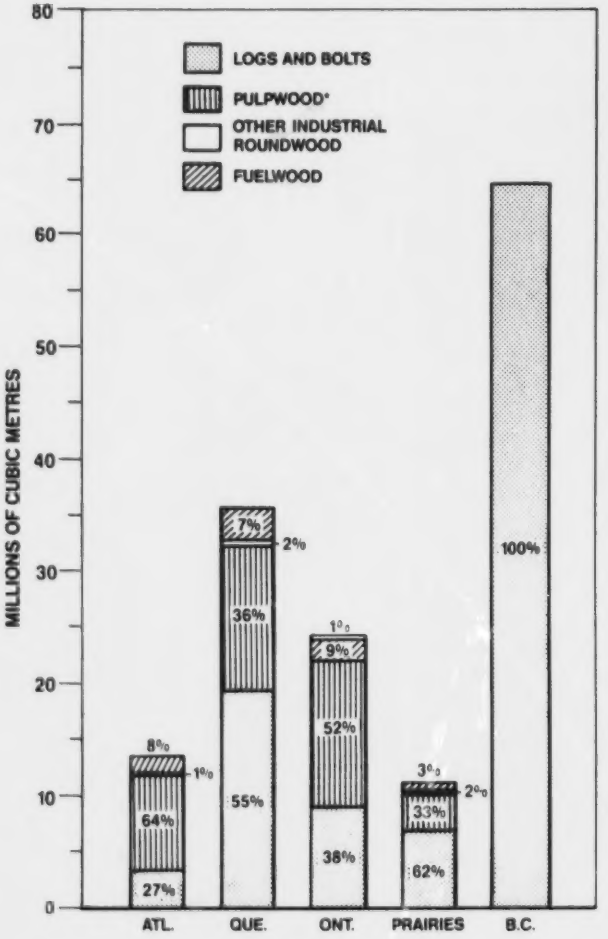

FIGURE 5. ROUNDWOOD PRODUCTION BY REGION, 1983.

*In B.C. logs and bolts statistics include pulpwood.

SOURCE: STATISTICS CANADA CAT. 25-201.

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1983

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Newfoundland												
1970	170	2 527	4	2 701	2 701	-	112	35	147	2 813	36	2 849
1971	151	2 013	4	2 168	2 165	3	125	31	156	2 290	34	2 324
1972	148	2 071	6	2 225	2 222	3	105	25	130	2 327	28	2 355
1973	241	2 563	7	2 811	2 808	3	108	34	142	2 915	37	2 952
1974	184	2 874	8	3 066	3 063	3	108	37	145	3 171	40	3 211
1975	147	2 195	6	2 348	2 345	3	79	25	104	2 424	28	2 452
1976	207	2 011	20	2 238	2 232	6	76	31	107	2 309	37	2 345
1977	230	1 875	8	2 113	2 110	3	62	20	82	2 172	23	2 195
1978	261	1 909	8	2 178	2 175	3	88	22	110	2 263	25	2 288
1979	269	1 968	17	2 254	2 248	6	202	25	227	2 450	31	2 481
1980	207	2 189	130	2 526	2 523	3	241	28	269	2 764	31	2 795
1981	261	1 903	8	2 172	2 169	3	356	40	396	2 525	43	2 568
1982	147	1 736	9	1 892	1 889	3	425	62	487	2 314	65	2 379
1983	293	1 697	5	1 995	1 989	6	379	55	434	2 368	61	2 429
Prince Edward Island												
1970	68	109	10	187	186	1	34	23	57	220	24	245
1971	77	66	9	152	137	15	40	20	60	177	35	212
1972	67	66	5	138	134	4	31	20	51	165	24	188
1973	69	62	10	141	129	12	3	28	31	131	40	172
1974	83	62	8	153	148	5	6	31	37	154	36	190
1975	71	45	6	122	118	4	8	37	45	126	41	167
1976	68	48	6	122	116	6	8	34	42	125	40	165
1977	65	37	3	105	105	-	6	28	34	111	28	139
1978	71	45	6	122	122	-	6	31	37	128	31	159
1979	85	48	11	144	144	-	11	68	79	155	68	223
1980	91	91	11	193	184	9	14	71	85	198	80	278
1981	102	59	28	189	172	17	11	133	144	183	150	333
1982	68	48	9	125	116	9	17	133	150	133	142	275
1983	96	31	11	138	125	13	18	138	156	143	131	294

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1983 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Nova Scotia												
1970	1 033	2 022	32	3 087	2 876	211	48	109	157	2 904	320	3 224
1971	801	2 263	19	3 083	2 879	204	45	108	153	2 924	312	3 236
1972	953	2 144	16	3 133	2 832	301	40	105	145	2 851	405	3 257
1973	1 025	2 394	16	3 435	3 071	364	51	108	159	3 125	471	3 596
1974	1 021	2 792	14	3 827	3 420	407	42	127	169	3 462	534	3 996
1975	837	2 508	13	3 358	3 075	283	40	141	181	3 115	424	3 539
1976	957	2 265	20	3 242	2 970	272	48	164	212	3 019	436	3 455
1977	940	2 540	8	3 489	3 243	246	45	142	187	3 288	388	3 676
1978	974	2 968	11	3 953	3 675	278	43	161	204	3 178	439	4 157
1979	1 059	3 098	14	4 171	3 802	369	57	161	218	3 859	530	4 389
1980	960	3 310	11	4 281	3 757	524	62	201	263	3 819	725	4 544
1981	897	2 795	17	3 709	3 367	342	42	235	277	3 409	577	3 986
1982	784	1 943	11	2 738	2 557	181	40	223	263	2 597	404	3 001
1983	912	2 397	16	3 325	3 116	209	45	251	296	3 161	460	3 621
New Brunswick												
1970	1 871	4 712	33	6 616	5 822	794	15	184	199	5 837	978	6 815
1971	1 778	4 913	24	6 715	5 794	921	19	171	190	5 813	1 091	6 905
1972	1 830	5 167	50	7 047	6 121	926	25	154	179	6 146	1 080	7 225
1973	2 418	6 258	37	8 713	7 181	1 532	20	136	156	7 200	1 668	8 868
1974	1 926	6 626	59	8 611	6 954	1 657	23	147	170	6 977	1 804	8 781
1975	1 755	4 913	45	6 713	5 479	1 234	40	153	193	5 519	1 387	6 906
1976	1 798	5 395	88	7 281	6 083	1 198	48	150	198	6 131	1 348	7 479
1977	1 897	5 550	85	7 532	6 399	1 333	31	139	170	6 430	1 272	7 702
1978	2 265	5 947	93	8 305	7 147	1 158	34	170	204	7 181	1 328	8 509
1979	2 322	6 088	85	8 495	7 277	1 218	34	221	255	7 311	1 439	8 750
1980	2 345	5 714	76	8 135	7 022	1 113	34	218	252	7 056	1 331	8 387
1981	2 282	5 165	82	7 529	6 524	1 005	37	229	266	6 561	1 234	7 795
1982	2 061	3 956	62	6 079	5 233	846	48	193	241	5 281	1 039	6 320
1983	2 360	4 752	65	7 177	6 168	1 009	53	212	265	6 221	1 221	7 442

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1983 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Quebec												
1970	8 778	17 740	251	**26 769**	23 272	3 497	906	1 223	**2 129**	24 179	4 720	**28 999**
1971	9 260	15 291	260	**24 811**	21 365	3 446	569	1 201	**1 770**	21 934	4 647	**26 581**
1972	10 534	15 350	271	**26 155**	21 933	4 222	586	1 104	**1 690**	22 501	5 326	**27 827**
1973	11 086	16 310	254	**27 650**	23 049	4 601	561	1 138	**1 699**	23 611	5 740	**29 350**
1974	12 204	18 548	275	**31 027**	27 459	3 568	538	1 147	**1 685**	27 997	4 715	**32 712**
1975	11 214	15 149	232	**26 595**	23 650	2 945	566	1 246	**1 812**	24 216	4 181	**28 407**
1976	13 309	13 598	311	**27 218**	23 990	3 228	566	1 274	**1 840**	24 556	4 502	**29 058**
1977	16 353	12 601	297	**29 251**	25 655	3 596	453	1 359	**1 812**	26 108	4 955	**31 063**
1978	18 576	13 096	396	**32 068**	28 571	3 497	510	1 501	**2 011**	29 081	4 998	**34 079**
1979	19 142	14 045	425	**33 612**	30 322	3 290	481	1 643	**2 124**	30 803	4 933	**35 736**
1980	16 848	12 318	453	**29 620**	26 505	3 115	368	1 699	**2 067**	26 873	4 814	**31 687**
1981	16 452	14 979	595	**30 026**	29 167	2 859	396	1 812	**2 208**	29 563	4 671	**34 234**
1982	15 787	10 316	793	**26 896**	24 522	2 374	368	1 869	**2 237**	24 890	4 243	**29 133**
1983	20 080	12 998	810	**33 888**	30 881	3 007	395	2 005	**2 400**	31 276	5 012	**36 288**
Ontario												
1970	5 154	10 638	216	**16 008**	13 068	2 940	181	612	**793**	13 250	3 551	**16 801**
1971	5 380	9 472	208	**15 060**	12 172	2 888	229	549	**778**	12 401	3 438	**15 839**
1972	6 088	10 349	201	**16 638**	13 575	3 063	212	510	**732**	13 787	3 574	**17 361**
1973	6 357	11 142	203	**17 702**	14 658	3 044	215	527	**742**	14 875	3 571	**18 446**
1974	6 017	11 893	150	**18 060**	14 903	3 157	227	580	**807**	15 130	3 737	**18 867**
1975	5 267	7 929	142	**13 337**	10 760	2 577	241	637	**878**	11 001	3 214	**14 215**
1976	7 362	9 401	193	**16 956**	14 181	2 775	255	665	**920**	14 436	3 340	**17 876**
1977	7 915	10 306	156	**18 377**	15 107	3 270	198	694	**892**	15 305	3 964	**19 269**
1978	8 255	10 604	139	**18 998**	15 636	3 362	255	934	**1 189**	15 891	4 296	**20 187**
1979	9 132	10 769	133	**20 034**	16 098	3 936	297	963	**1 260**	16 395	4 899	**21 294**
1980	9 061	10 803	113	**19 977**	16 226	3 751	255	1 090	**1 345**	16 481	4 841	**21 322**
1981	8 707	12 105	127	**20 939**	17 683	3 256	382	1 487	**1 869**	18 065	4 743	**22 808**
1982	7 634	10 222	113	**17 969**	15 087	2 882	359	1 450	**1 809**	15 446	4 322	**19 778**
1983	9 008	12 450	107	**21 565**	18 112	3 453	431	1 740	**2 171**	18 543	5 193	**23 736**

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1983 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Manitoba												
1970	314	664	91	**1 075**	929	146	100	84	**184**	1 029	230	**1 260**
1971	405	873	92	**1 370**	1 233	137	111	74	**185**	1 344	212	**1 556**
1972	581	954	115	**1 654**	1 481	173	108	74	**182**	1 589	246	**1 835**
1973	691	886	93	**1 675**	1 502	173	93	59	**152**	1 596	232	**1 828**
1974	510	1 321	105	**1 936**	1 816	120	91	74	**165**	1 907	194	**2 101**
1975	504	1 274	88	**1 866**	1 753	113	85	71	**156**	1 838	184	**2 022**
1976	589	878	105	**1 572**	1 487	85	85	85	**170**	1 572	170	**1 742**
1977	603	948	91	**1 642**	1 563	79	57	85	**142**	1 620	164	**1 784**
1978	640	937	93	**1 670**	1 563	107	45	88	**133**	1 608	195	**1 803**
1979	654	1 085	59	**1 798**	1 653	145	37	68	**105**	1 690	213	**1 903**
1980	688	1 458	82	**2 228**	2 106	122	25	82	**107**	2 131	204	**2 335**
1981	543	1 104	54	**1 701**	1 608	93	25	77	**102**	1 633	170	**1 803**
1982	527	790	57	**1 374**	1 283	91	28	96	**124**	1 311	187	**1 498**
1983	514	840	51	**1 405**	1 315	90	26	89	**115**	1 341	179	**1 520**
Saskatchewan												
1970	608	1 253	259	**2 120**	1 910	210	68	188	**256**	1 977	398	**2 375**
1971	597	1 231	212	**2 040**	1 802	238	65	187	**252**	1 867	425	**2 292**
1972	976	1 308	171	**2 455**	2 144	311	48	136	**184**	2 194	447	**2 641**
1973	944	1 356	174	**2 474**	2 188	286	54	190	**244**	2 242	477	**2 718**
1974	710	1 687	170	**2 567**	2 276	291	51	159	**210**	2 327	450	**2 777**
1975	713	1 305	74	**2 092**	1 790	302	59	162	**221**	1 849	464	**2 313**
1976	1 127	1 345	167	**2 639**	2 342	297	71	156	**227**	2 413	453	**2 866**
1977	1 897	722	156	**2 775**	2 350	425	42	142	**184**	2 932	567	**2 959**
1978	1 614	974	119	**2 707**	2 367	340	46	110	**156**	2 413	450	**2 863**
1979	1 778	1 549	127	**3 454**	3 083	371	77	48	**125**	3 160	419	**3 579**
1980	1 520	1 569	122	**3 211**	2 849	362	79	40	**119**	2 928	402	**3 330**
1981	1 662	1 605	161	**3 428**	2 918	510	85	42	**127**	3 003	552	**3 555**
1982	1 382	898	122	**2 402**	2 102	300	79	45	**124**	2 181	345	**2 526**
1983	960	1 396	127	**2 483**	2 275	208	82	47	**129**	2 357	255	**2 612**

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUPS, 1970-1983 (CONCLUDED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Alberta												
1970	3 186	690	115	3 991	3 937	52	40	112	152	3 978	166	4 144
1971	3 101	779	99	3 979	3 910	69	42	117	159	3 952	186	3 138
1972	3 639	1 017	147	4 803	4 695	108	31	59	90	4 726	167	4 893
1973	3 956	1 402	134	5 492	5 430	62	31	76	107	5 460	139	5 599
1974	2 560	2 229	176	4 965	4 894	71	34	59	93	4 928	130	5 058
1975	2 944	1 745	144	4 833	4 751	82	51	79	130	4 802	161	4 963
1976	3 341	1 892	272	5 505	5 434	71	51	71	122	5 485	142	5 627
1977	3 893	2 152	212	6 257	6 218	39	59	54	113	6 277	93	6 370
1978	3 817	1 558	249	5 624	5 581	43	45	57	102	5 626	100	5 726
1979	3 945	1 592	606	6 143	6 115	28	37	28	65	6 152	56	6 208
1980	3 925	1 331	609	5 865	5 757	108	45	23	68	5 802	131	5 933
1981	4 647	1 489	399	6 535	6 402	133	28	23	51	6 430	156	6 586
1982	4 257	1 175	147	5 581	5 462	119	79	54	133	5 541	173	5 714
1983	5 666	1 529	23	7 218	7 060	158	75	51	126	7 135	209	7 344
British Columbia*												
1970	54 409	..	318	54 727	54 399	327	..	..	..	54 399	327	54 726
1971	56 364	..	186	56 550	56 257	293	..	..	..	56 257	293	56 551
1972	56 338	..	114	56 452	56 146	306	..	..	..	56 146	306	56 451
1973	69 998	..	139	70 137	69 560	577	..	..	..	69 560	577	70 137
1974	59 975	..	111	60 086	59 525	561	..	..	..	59 525	561	60 086
1975	49 942	..	136	50 078	49 554	516	..	..	..	49 562	516	50 078
1976	69 424	..	96	69 524	69 313	207	..	..	..	69 314	207	69 521
1977	69 823	..	147	69 970	69 834	136	..	..	..	69 834	136	69 971
1978	74 951	..	213	75 164	75 037	127	..	..	..	75 037	127	75 164
1979	75 892	..	303	76 194	75 968	227	..	..	..	75 968	227	76 195
1980	74 247	..	407	74 654	74 396	258	..	..	..	74 396	258	74 654
1981	60 700	..	80	60 780	60 547	233	..	..	..	60 547	233	60 780
1982	56 178	..	53	56 231	56 010	221	..	..	..	56 010	221	56 231
1983	71 320	..	123	71 443	71 162	281	..	..	..	71 162	281	71 443

* Pulpwood included in logs and bolts and fuelwood included in other roundwood.

Source: Statistics Canada

II - 3. LUMBER PRODUCTION BY PROVINCE AND SPECIES GROUP, 1950-1983

Year	Species	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & N.W.T.	Total Canada
							1 000 m^3						
1950	Softwoods	104	27	605	636	2 186	1 551	125	142	772	8 254	8	14 410
	Hardwoods	3	1	58	69	479	384	13	14	9	25	–	1 055
	Total	**107**	**27**	**664**	**705**	**2 665**	**1 935**	**138**	**156**	**781**	**8 280**	**8**	**15 465**
1960	Softwoods	67	20	525	581	2 119	1 098	65	145	718	12 511	14	17 862
	Hardwoods	1	--	23	75	514	386	16	14	8	7	–	1 045
	Total	**68**	**20**	**548**	**656**	**2 633**	**1 484**	**82**	**159**	**726**	**12 518**	**14**	**18 907**
1970	Softwoods	81	28	464	564	3 321	1 494	83	248	1 092	18 056	17	25 449
	Hardwoods	–	--	12	96	464	508	40	–	8	12	–	1 139
	Total	**81**	**28**	**476**	**660**	**3 785**	**2 002**	**122**	**248**	**1 100**	**18 067**	**17**	**26 588**
1971	Softwoods	74	29	361	603	3 560	1 658	131	286	1 171	21 081	11	28 965
	Hardwoods	1	3	12	75	491	429	33	–	9	8	1	1 062
	Total	**75**	**32**	**372**	**677**	**4 051**	**2 087**	**164**	**286**	**1 180**	**21 090**	**12**	**30 027**
1972	Softwoods	73	27	431	660	4 368	1 780	187	394	1 373	22 423	7	31 724
	Hardwoods	1	--	12	76	607	499	50	–	22	9	1	1 276
	Total	**75**	**27**	**442**	**736**	**4 975**	**2 279**	**237**	**394**	**1 395**	**22 431**	**8**	**33 000**
1973	Softwoods	117	34	459	604	4 859	2 116	155	383	1 863	24 581	7	35 179
	Hardwoods	2	–	12	98	703	555	30	11	38	15	–	1 465
	Total	**119**	**34**	**471**	**702**	**5 563**	**2 671**	**185**	**394**	**1 901**	**24 597**	**7**	**36 644**
1974	Softwoods	85	21	453	639	4 575	2 241	245	285	1 517	20 613	6	30 680
	Hardwoods	2	7	15	77	701	590	29	4	4	15	–	1 444
	Total	**87**	**28**	**468**	**716**	**5 276**	**2 831**	**274**	**289**	**1 521**	**20 628**	**6**	**32 124**
1975	Softwoods	68	28	374	609	4 309	1 917	164	263	1 003	17 566	10	26 312
	Hardwoods	1	–	13	71	479	396	29	–	–	3	–	993
	Total	**70**	**28**	**387**	**680**	**4 787**	**2 313**	**193**	**264**	**1 003**	**17 569**	**10**	**27 305**

II - 3. LUMBER PRODUCTION BY PROVINCE AND SPECIES GROUP, 1950-1983 (CONCLUDED)

Year	Species	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & N.W.T.	Total Canada
							1 000 m^3						
1976	Softwoods	100	28	429	686	5 170	2 277	207	454	1 201	25 075	11	35 638
	Hardwoods	2	-	14	83	562	497	20	7	-	-	-	1 184
	Total	**102**	**28**	**443**	**769**	**5 731**	**2 773**	**228**	**460**	**1 201**	**25 075**	**11**	**36 822**
1977	Softwoods	111	28	423	695	6 051	2 731	211	499	1 455	28 377	14	40 594
	Hardwoods	2	-	12	61	442	459	22	15	22	1	-	1 038
	Total	**113**	**28**	**435**	**756**	**6 493**	**3 191**	**233**	**514**	**1 477**	**28 378**	**14**	**41 633**
1978	Softwoods	112	30	437	879	6 948	3 267	220	479	1 621	29 569	14	43 576
	Hardwoods	1	8	11	56	624	561	30	9	9	2	-	1 311
	Total	**113**	**38**	**448**	**935**	**7 572**	**3 828**	**250**	**488**	**1 631**	**29 570**	**14**	**44 887**
1979	Softwoods	116	33	470	991	7 655	3 645	226	438	1 607	30 355	28	45 564
	Hardwoods	2	7	22	68	464	505	43	6	16	2	-	1 136
	Total	**118**	**40**	**492**	**1 059**	**8 119**	**4 150**	**270**	**444**	**1 622**	**30 357**	**28**	**46 700**
1980	Softwoods	99	35	427	1 146	7 361	3 868	247	394	1 704	28 202	40	43 524
	Hardwoods	2	2	18	78	698	599	37	21	12	5	-	1 472
	Total	**101**	**38**	**444**	**1 224**	**8 059**	**4 468**	**284**	**415**	**1 716**	**28 207**	**40**	**44 995**
1981	Softwoods	77	35	379	865	7 030	3 717	191	440	1 926	24 544	32	39 237
	Hardwoods	2	7	24	59	354	471	31	11	19	3	-	980
	Total	**79**	**42**	**403**	**924**	**7 384**	**4 188**	**222**	**452**	**1 945**	**24 547**	**32**	**40 217**
1982	Softwoods	68	24	338	660	6 100	3 328	222	450	1 746	23 406	22	36 364
	Hardwoods	1	5	22	49	417	536	31	8	20	-	-	1 088
	Total	**70**	**28**	**361**	**708**	**6 517**	**3 864**	**252**	**458**	**1 767**	**23 406**	**22**	**37 452**
1983	Softwoods	86	38	405	1 124	8 515	3 606	172	456	2 447	30 774	-	47 623
	Hardwoods	2	-	18	66	326	511	40	-	77	3	-	1 043
	Total	**88**	**38**	**423**	**1 190**	**8 841**	**4 117**	**212**	**456**	**2 524**	**30 777**	**-**	**48 666**

Source: Statistics Canada Cat. No. 35-204.

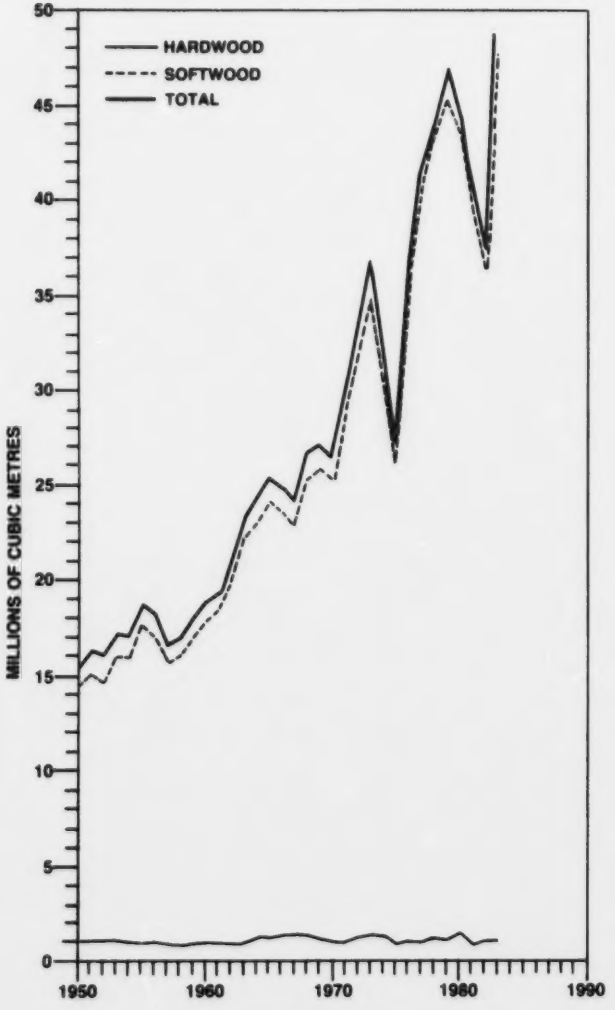

FIGURE 6. LUMBER PRODUCTION IN CANADA, 1950-1983.

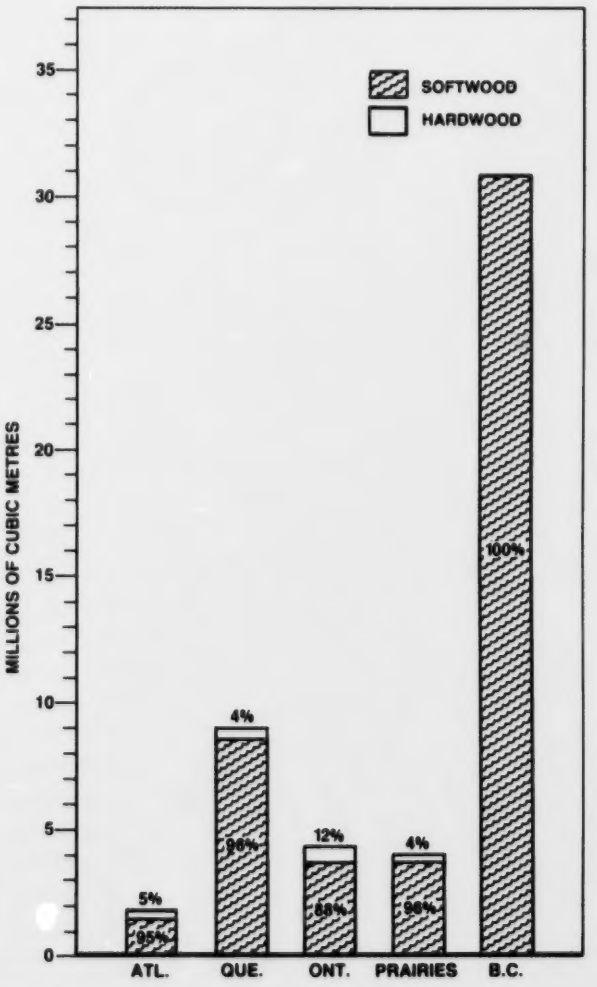

FIGURE 7. LUMBER PRODUCTION BY REGION, 1983.

SOURCE: STATISTICS CANADA CAT. 35-204.

II - 4. PULPWOOD PRODUCTION FOR DOMESTIC USE AND WOOD RESIDUE RECEIPTS, 1970-1984

Year	Roundwood			Wood residue			Total Wood
	Limit production*	Purchased	Total	Chips	Veneer cores, slabs and edgings, sawdust, shavings, etc.	Total	
				1 000 m^3			
1970	26 469	23 484	49 954	16 984	960	17 944	67 898
1971	22 590	22 007	44 597	19 232	1 249	20 480	65 077
1972	24 092	20 674	44 766	21 495	1 875	23 370	68 136
1973	30 933	21 130	52 063	24 636	2 911	27 547	79 610
1974	35 479	23 900	59 379	28 407	2 569	30 976	90 355
1975	29 137	17 434	46 571	21 608	1 882	23 490	70 061
1976	24 157	18 585	42 742	31 467	2 552	34 019	76 761
1977	27 201	16 983	44 184	31 180	2 410	33 590	77 774
1978	27 930	17 511	45 441	33 489	2 766	36 255	81 696
1979	31 012	17 720	48 732	36 352	2 923	39 275	88 007
1980	28 758	21 094	49 852	37 206	2 768	39 974	89 826
1981	29 784	22 904	52 688	35 357	2 762	38 119	90 807
1982	21 906	19 432	41 338	30 703	2 643	33 346	74 684
1983	23 397	20 321	43 718	36 251	3 476	39 727	83 445
1984	25 816	22 179	47 995	36 139	3 559	39 698	87 693

* Limit production means the volume produced from an owner's freehold lands or leased lands.

Source: Statistics Canada Cat. No. 25-001.

II - 5. WOOD PULP PRODUCTION BY KIND, 1950-1984

Year	Dissolving and special alpha, sulphite and sulphate	Chemical						Mechanical				
		Sulphite		Sulphate			Semi-chemical	Groundwood	Defibrated and exploded	Screenings chemical and mechanical	All other pulp	Total
		Bleached	Unbleached	Bleached	Semibleached	Unbleached						
		1 000 t										
1950	305	386	1 315	408	*	548	..	4 455	..	96	174	**7 688**
1960	356	519	1 559	1 062	257	895	..	5 335	143	66	205	**10 398**
1970	411	683	1 871	3 660	1 084	1 341	296	6 940	259	64	-	**16 610**
1971	388	587	1 706	3 853	1 150	1 467	301	6 718	307	65	-	**16 543**
1972	370	526	1 711	4 391	1 127	1 639	337	6 967	330	55	-	**17 453**
1973	293	507	1 750	5 049	1 097	1 922	349	7 196	345	55	-	**18 564**
1974	333	734	1 865	5 409	1 097	1 942	328	7 589	320	62	-	**19 679**
1975	226	516	1 443	4 219	863	1 314	233	6 007	263	28	-	**15 113**
1976	222	609	1 648	5 265	1 037	1 560	269	7 036	259	41	-	**17 946**
1977	230	636	1 621	5 300	1 039	1 574	263	7 226	243	34	-	**18 168**
1978	341	516	1 787	5 871	1 054	1 942	318	7 910	369	44	-	**20 152**
1979	311	478	1 806	6 282	1 038	2 061	354	7 956	397	45	-	**20 728**
1980	271	463	1 671	6 580	1 185	1 998	345	7 748	384	41	-	**20 687**
1981	274	488	1 769	6 278	1 009	1 921	392	8 085	311	45	-	**20 572**
1982	219	343	1 407	5 955	1 017	1 649	318	7 214	243	38	110	**18 514**
1983	169	360	1 378	6 745	1 053	1 752	367	7 913	260	33	165	**20 195**
1984**	173	435	1 431	6 894	1 100	1 732	397	8 647	275	39	-	**21 123**

* Included with sulphate-bleached wood pulp.

** Canadian Pulp and Paper Association estimates.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1985.

II - 6. WOOD PULP PRODUCTION BY REGION, 1950-1984

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Total
			1 000 t			
1950	3 559	2 085	705	1 008	331	**7 688**
1960	4 055	2 692	1 927	1 430	294	**10 398**
1970	5 898	3 601	4 100	2 491	520	**16 610**
1971	5 666	3 447	4 409	2 419	601	**16 543**
1972	5 893	3 572	4 576	2 766	646	**17 453**
1973	5 591	3 669	5 337	3 217	750	**18 564**
1974	6 353	3 877	5 267	3 305	877	**19 679**
1975	5 198	2 540	3 998	2 560	817	**15 113**
1976	5 882	3 060	5 320	2 784	902	**17 946**
1977	5 860	3 662	4 831	2 876	940	**18 168**
1978	6 632	4 127	5 426	2 941	1 027	**20 152**
1979	6 869	4 322	5 523	2 956	1 058	**20 728**
1980	6 356	4 368	5 782	3 188	993	**20 687**
1981	6 858	4 394	4 995	3 229	1 096	**20 572**
1982	6 283	3 753	4 938	2 626	914	**18 514**
1983	6 510	4 217	5 760	2 784	925	**20 195**
1984*	6 847	4 443	5 434	4 399	**	**21 123**

* Canadian Pulp and Paper Association estimates.
** Included in Atlantic provinces.

Note: Approximately 76% used in production of paper and board in Canada.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1985.

WOOD PULP

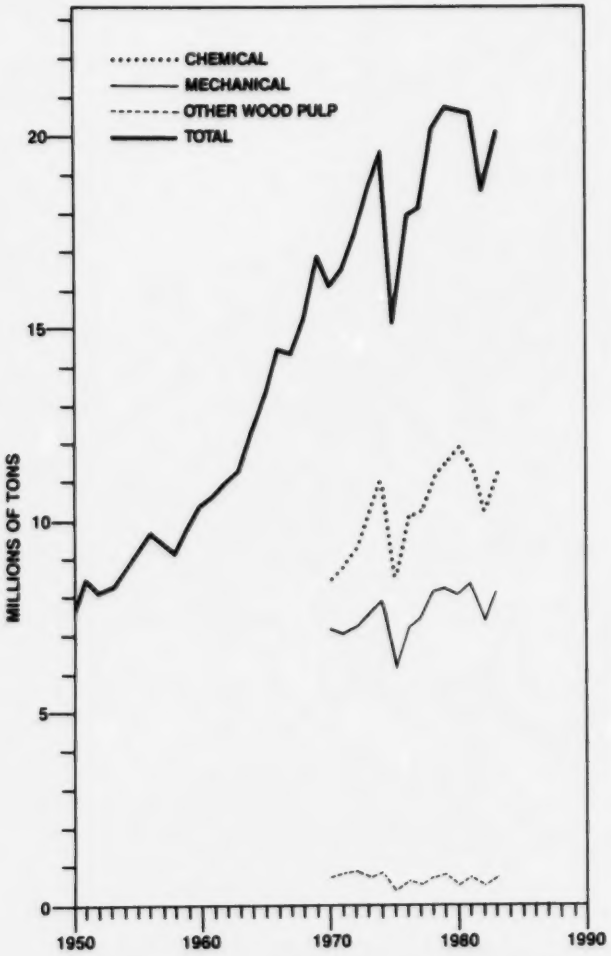

FIGURE 8. WOOD PULP PRODUCTION IN CANADA, 1950-1983.

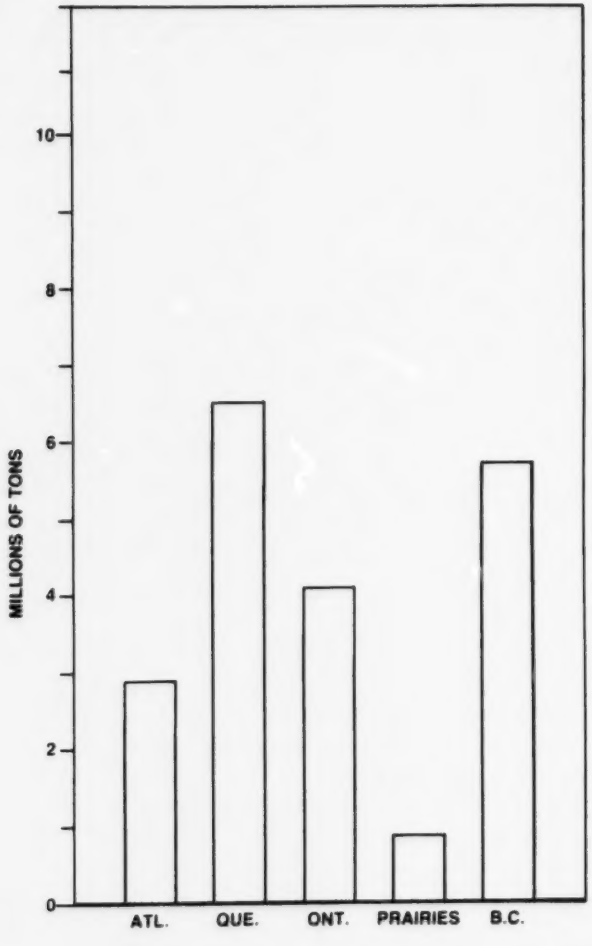

FIGURE 9. WOOD PULP PRODUCTION BY REGION, 1983.

SOURCE: STATISTICS CANADA CAT. 36-204.

II - 7. BASIC PAPER AND PAPERBOARD PRODUCTION BY CATEGORY AND REGION, 1950-1984

Year	Quebec			Ontario			British Columbia	Other provinces	Canada		
	Newsprint	Other paper and paperboard	Total	Newsprint	Other paper and paperboard	Total	Total paper and paperboard	Total paper and paperboard	Newsprint	Total paper and paperboard	Total
						1 000 t					
1950	2 510	499	3 009	1 125	602	1 727	452	993	4 826	1 355	**6 180**
1960	2 863	680	3 543	1 459	855	2 313	1 043	1 195	6 068	2 027	**8 095**
1970	3 766	1 298	5 064	1 686	1 198	2 883	1 675	1 631	7 996	3 256	**11 252**
1971	3 609	1 348	4 957	1 609	1 220	2 830	1 826	1 545	7 733	3 428	**11 161**
1972	3 793	1 529	5 322	1 625	1 310	2 935	1 834	1 791	8 079	3 803	**11 882**
1973	3 671	1 559	5 230	1 769	1 464	3 233	2 029	2 093	8 357	4 226	**12 583**
1974	4 079	1 657	5 736	1 778	1 626	3 404	1 952	2 128	8 710	4 508	**13 219**
1975	3 529	1 236	4 765	1 140	959	2 099	1 477	1 725	7 010	3 056	**10 066**
1976	3 931	1 447	5 378	1 411	1 181	2 592	1 977	1 844	8 063	3 728	**11 791**
1977	3 726	1 560	5 286	1 610	1 476	3 086	1 952	1 813	8 066	4 070	**12 136**
1978	4 124	1 830	5 954	1 663	1 654	3 317	2 137	1 967	8 739	4 637	**13 376**
1979	4 075	1 996	6 071	1 743	1 810	3 553	2 154	1 863	8 642	4 999	**13 641**
1980	3 800	1 853	5 653	1 734	1 788	3 522	2 147	2 063	8 368	5 017	**13 385**
1981	4 452	1 880	6 332	1 742	1 820	3 562	1 926	2 136	8 933	5 023	**13 956**
1982	3 910	1 792	5 702	1 416	1 737	3 153	1 858	1 764	7 785	4 688	**12 473**
1983	4 156	1 893	6 049	1 576	1 812	3 388	2 164	1 870	8 461	5 005	**13 466**
1984*	..	..	6 518	..	..	3 920	2 051	1 458	9 051	4 432	**13 947**

* Canadian Pulp and Paper Association estimates.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1985.

PAPER AND PAPERBOARD

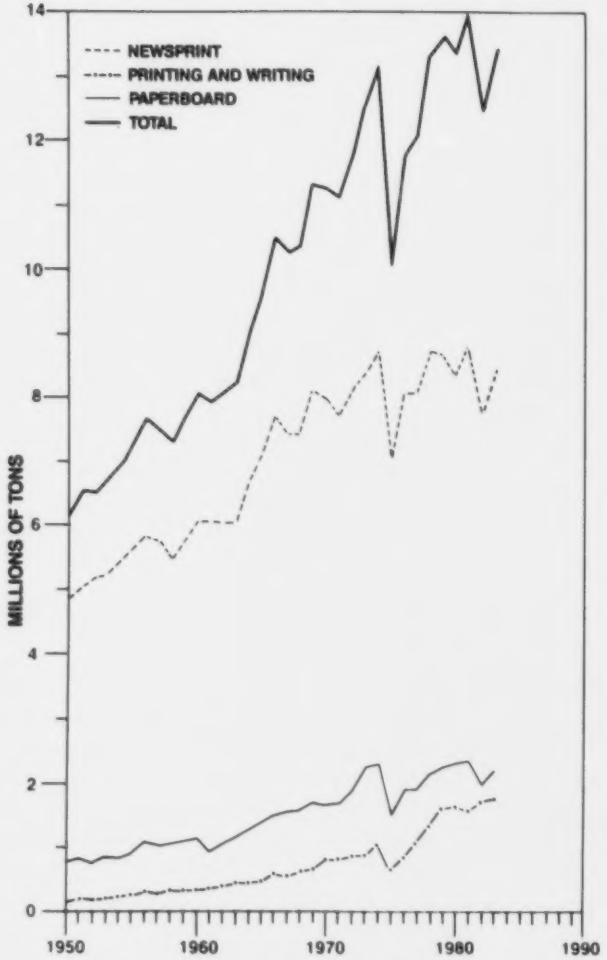

FIGURE 10. BASIC PAPER AND PAPERBOARD PRODUCTION IN CANADA, 1950-1983.

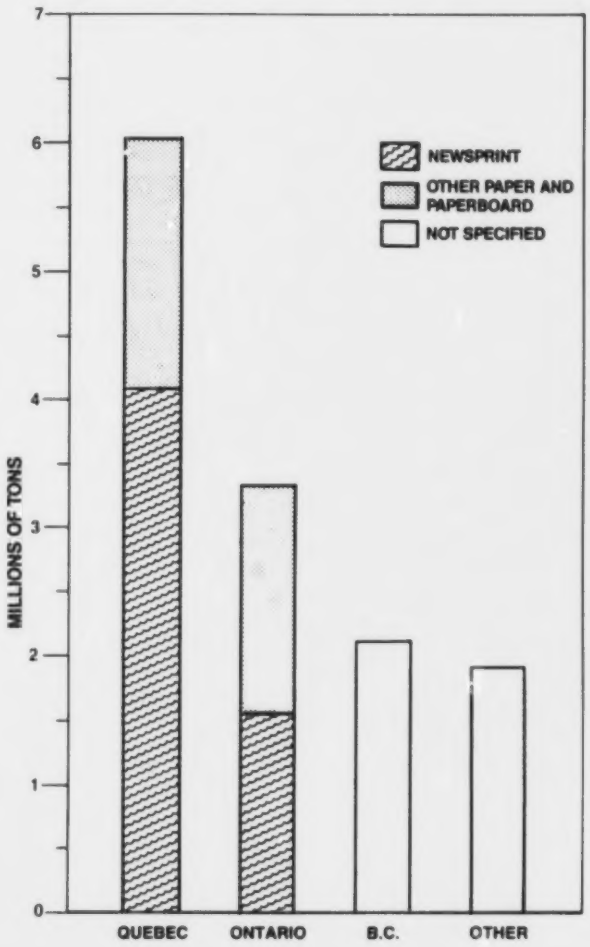

FIGURE 11. BASIC PAPER AND PAPERBOARD PRODUCTION BY REGION, 1983.

SOURCE: STATISTICS CANADA CAT. 36-204.

II - 8. BASIC PAPER AND PAPERBOARD PRODUCTION BY KIND, 1950-1984

Year	Newsprint	Book and writing	Tissue and sanitary	Wrapping and packaging	Building paper	Paper-board	Total
				1 000 t			
1950	4 825	194	79	202	83	796	6 180
1960	6 068	366	135	292	75	1 159	8 095
1970	7 996	821	218	438	101	1 678	11 252
1971	7 733	844	263	490	133	1 698	11 161
1972	8 079	881	283	542	156	1 941	11 882
1973	8 357	892	294	610	149	2 282	12 583
1974	8 710	1 056	327	643	143	2 338	13 219
1975	7 010	679	258	431	146	1 542	10 066
1976	8 063	842	304	526	149	1 908	11 791
1977	8 066	1 116	311	556	143	1 944	12 136
1978	8 739	1 377	331	628	129	2 171	13 376
1979	8 642	1 606	362	617	125	2 290	13 641
1980	8 368	1 636	379	544	138	2 319	13 385
1981	8 933	1 599	394	523	118	2 388	13 956
1982	7 785	1 721	395	466	124	1 982	12 473
1983	8 461	1 767	418	471	120	2 229	13 466
1984*	9 015	1 936	141	414	122	2 319	13 947

* Canadian Pulp and Paper Association estimates.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1985.

II - 9. INDUSTRIAL ROUNDWOOD PRODUCTION AND VALUE ADDED BY THE FOREST INDUSTRY, 1970-1983

Year	Industrial roundwood production	Value added, manufacturing activity				Value added, total activity			
		Logging	Wood industries	Paper and allied industries	Total forest industries	Logging	Wood industries	Paper and allied industries	Total forest industries
	1 000 m^3					$000 000			
1970	117 324	683	790	1 781	3 254	694	802	1 817	3 313
1971	117 991	686	1 003	1 772	3 461	698	1 017	1 804	3 519
1972	120 748	814	1 397	1 928	4 139	829	1 422	1 962	4 213
1973	140 343	1 089	1 947	2 439	5 475	1 109	1 977	2 476	5 562
1974	134 416	1 221	1 708	3 888	6 817	1 244	1 748	3 945	6 937
1975	111 497	1 098	1 655	3 398	6 151	1 126	1 690	3 470	6 286
1976	135 227	1 300	2 207	3 774	7 281	1 348	2 236	3 844	7 428
1977	141 580	1 400	2 726	4 004	8 130	1 440	2 762	4 032	8 234
1978	151 712	1 564	3 507	4 539	9 610	1 647	3 550	4 565	9 762
1979	157 251	1 822	3 965	5 733	11 520	2 053	4 021	5 756	11 830
1980	150 649	1 927	3 399	6 737	12 063	2 049	3 466	6 770	12 285
1981	139 084	1 857	3 379	6 944	12 180	1 883	3 447	6 965	12 295
1982	121 343	1 616	2 663	6 068	10 347	1 650	2 708	6 080	10 438
1983	150 724	2 111	3 942	5 929	11 982	2 158	3 993	5 940	12 091

Source: Statistics Canada Cat. No. 25-201 and 25-202.

II - 10. INDUSTRIAL ROUNDWOOD PRODUCTION AND VALUE ADDED BY THE FOREST INDUSTRY BY PROVINCE, 1983

Province or territory	Industrial roundwood production	Value added, manufacturing activity					Value added, total activity				
		Logging	Wood industries	Paper and allied industries	Total forest industries		Logging	Wood industries	Paper and allied industries	Total forest industries	
	1 000 m^3	$000 000				%	$000 000				%
Nfld.	1 995	39	9	x	x	x	39	9	x	x	x
P.E.I.	138	--	3	-	x	x	--	3	-	x	x
N.S.	3 325	25	45	144	214	1.8	24	47	140	211	1.7
N.B.	7 177	128	95	215	438	3.7	128	96	226	450	3.7
Atlantic provinces	12 635	192	x	x	x	x	191	x	x	x	x
Quebec	33 888	350	877	2 068	3 295	27.5	357	887	2 080	3 324	27.5
Ontario	21 565	354	681	1 993	3 028	25.3	356	699	2 010	3 065	25.3
Man.	1 405	14	59	79	152	1.3	14	59	79	152	1.3
Sask.	2 483	29	x	x	x	x	33	x	x	x	x
Alta.	7 218	33	218	165	416	3.5	33	235	165	433	3.6
Prairies	11 106	76	x	266	x	x	80	x	266	x	x
B.C.	71 443	1 139	1 912	1 150	4 201	35.1	1 174	1 914	1 127	4 215	34.9
Yukon and N.W.T.	87	-	--	-	--	--	-	--	-	--	
Total	150 724	2 111	3 942	5 929	11 982	100.0	2 158	3 993	5 940	12 091	100.0

Source: Statistics Canada Cat. No. 25-201 and 25-202.

II - 11. SHIPMENTS OF ROUNDWOOD BY PROVINCE, 1970-1983

Year	Nova Scotia	New Brunswick	Quebec	Ontario	British Columbia	Other provinces	Total Canada
A. Quantity (1 000 m^3)							
1970	1 899	7 337	24 640	14 684	62 214	5 782	116 556
1971	1 941	7 429	22 290	13 672	62 738	4 983	113 053
1972	2 089	7 002	22 599	15 704	63 477	5 946	116 817
1973	2 553	9 005	21 868	15 731	72 470	7 128	128 755
1974	2 892	9 124	23 400	16 438	63 984	8 523	124 361
1975	2 236	7 094	21 451	11 583	48 734	7 400	98 498
1976	2 122	8 129	20 044	12 983	67 395	7 187	117 860
1977	2 363	7 717	19 850	14 802	67 477	6 386	118 595
1978	2 525	8 464	19 783	15 877	70 665	7 371	124 685
1979	2 834	8 928	22 139	16 248	50 839	7 992	108 980
1980	2 908	8 525	19 443	16 743	53 130	6 978	107 727
1981	2 929	8 797	21 967	16 855	45 482	8 023	104 053
1982	2 767	5 984	17 506	15 828	36 541	7 761	86 387
1983	2 371	7 423	18 025	16 928	47 700	6 257	98 704
B. Value ($000 000)							
1970	17	73	307	184	713	61	1 356
1971	19	81	280	178	754	54	1 366
1972	21	79	290	205	879	70	1 545
1973	28	113	319	222	1 263	94	2 038
1974	39	131	394	281	1 214	132	2 191
1975	36	114	433	243	950	137	1 915
1976	36	143	448	307	1 475	149	2 558
1977	46	144	480	373	1 589	136	2 769
1978	50	165	511	428	1 891	163	3 207
1979	56	188	586	483	1 676	187	3 175
1980	61	200	553	527	1 801	187	3 329
1981	67	222	683	587	1 479	243	3 280
1982	56	165	599	540	1 302	241	2 902
1983	64	217	636	627	1 726	215	3 485

Source: Statistics Canada Cat. No. 25-201.

II - 12. SHIPMENTS OF SOFTWOOD LUMBER BY SPECIES, 1970-1983

Year	Spruce	Hemlock	Douglas-fir	Cedar	Jack and lodgepole pines	White pine	Ponderosa red pine	Balsam fir	Yellow cypress	Other	Total softwoods	Total softwoods and hardwoods
A. Quantity (1 000 m^3)												
1970	10 482	4 687	3 943	1 957	1 774	493	96	481	45	841	24 799	25 857
1971	12 978	5 468	4 092	2 318	2 185	568	53	517	19	591	28 789	29 810
1972	15 758	5 551	4 034	2 331	2 571	624	68	562	55	416	31 970	33 167
1973	16 518	6 072	3 707	2 376	3 028	620	83	416	94	417	33 331	34 691
1974	15 520	5 135	3 107	2 131	2 761	553	124	315	76	147	29 869	30 999
1975	13 701	3 549	2 510	1 945	2 409	423	77	263	114	122	25 113	25 917
1976	17 370	5 625	3 214	2 592	2 991	504	101	204	142	142	32 885	33 693
1977	20 700	6 870	3 187	2 535	3 737	541	82	304	92	187	38 235	39 014
1978	21 857	7 093	3 281	2 709	4 818	688	99	337	148	107	41 137	41 980
1979	22 812	6 371	3 535	2 564	5 168	642	86	581	119	131	42 009	42 948
1980	21 654	6 034	2 912	2 594	4 743	570	96	635	104	164	39 515	40 348
1981	21 581	5 091	2 580	2 722	4 759	572	129	779	142	83	38 438	39 180
1982	19 739	4 402	2 237	2 470	3 916	535	283	772	140	67	34 563	35 098
1983	26 377	5 360	2 696	2 976	4 485	631	79	973	181	345	44 104	44 772
B. Value ($000 000)												
1970	333	168	146	92	54	26	4	17	3	27	870	925
1971	463	206	173	110	77	30	3	19	2	19	1 102	1 159
1972	735	259	205	142	120	38	4	26	-	22	1 551	1 632
1973	985	402	247	207	168	49	6	27	15	21	2 127	2 227
1974	823	335	203	191	134	48	8	20	15	8	1 785	1 878
1975	694	216	150	158	115	36	5	16	9	9	1 408	1 473
1976	1 007	385	219	272	162	45	9	13	13	9	2 134	2 203
1977	1 381	552	263	332	243	54	7	23	18	16	2 889	2 960
1978	1 810	663	319	436	394	81	10	30	24	9	3 776	3 863
1979	2 123	777	437	542	468	93	11	55	32	12	4 551	4 667
1980	1 831	742	322	420	383	83	11	58	28	16	3 894	4 005
1981	1 749	532	264	412	359	84	15	67	31	8	3 521	3 623
1982	1 475	478	207	388	281	77	25	71	25	6	3 034	3 106
1983	2 360	628	270	577	401	96	11	89	38	34	4 504	4 598

Source: Statistics Canada Cat. No. 35-204.

II - 13. SHIPMENTS OF HARDWOOD LUMBER, 1970–1983

Year	Maple	Yellow birch	White birch	Poplar, aspen, and cottonwood	Elm	Basswood	Beech	Ash	Oak	Other*	Total hardwoods	Total softwoods and hardwoods
A. Quantity (1 000 m^3)												
1970	391	270	33	27	41	37	12	7	12	229	1 059	25 857
1971	403	283	23	46	33	33	-	9	14	210	1 021	29 810
1972	508	305	29	86	40	37	24	-	17	151	1 197	33 167
1973	519	315	45	148	32	47	31	12	21	189	1 359	34 691
1974	505	246	20	108	29	37	39	15	21	111	1 131	30 999
1975	364	219	9	39	18	24	16	9	12	93	803	25 917
1976	353	225	7	39	16	27	15	9	14	105	810	33 693
1977	325	208	20	41	7	25	14	10	18	111	779	39 014
1978	343	231	19	48	9	32	17	10	23	111	843	41 980
1979	407	197	26	65	9	32	19	13	39	132	939	42 948
1980	331	172	29	67	7	28	19	13	40	127	833	40 348
1981	307	159	21	54	6	30	13	9	37	106	742	39 180
1982	199	97	18	87	2	23	12	7	40	50	535	35 098
1983	211	149	24	162	1	21	13	6	39	43	668	44 772
B. Value ($000 000)												
1970	23	15	1	1	2	2	-	-	1	11	56	925
1971	26	16	1	1	2	2	-	1	1	7	57	1 159
1972	39	22	2	3	3	2	1	-	1	8	81	1 632
1973	43	26	3	7	2	3	2	1	2	11	100	2 227
1974	43	22	1	5	2	3	3	1	2	9	92	1 878
1975	29	19	1	2	1	2	1	1	1	8	65	1 473
1976	30	21	1	2	1	3	1	1	2	8	69	2 203
1977	30	20	2	3	1	3	1	1	2	9	71	2 960
1978	36	25	2	3	1	4	1	1	3	10	87	3 863
1979	51	26	3	6	1	4	2	2	6	16	117	4 667
1980	43	24	4	6	1	4	2	2	9	15	110	4 005
1981	42	22	3	5	1	4	1	1	8	15	102	3 623
1982	26	14	2	9	1	4	1	1	8	6	72	3 104
1983	32	25	3	14	--	3	2	1	8	5	94	4 598

* Including red alder in some cases.

Source: Statistics Canada Cat. No. 35-204.

II - 14. SHIPMENTS OF WOOD PULP, PAPER, AND PAPERBOARD, 1960-1983

Year	Wood pulp	Paper and paperboard				
		Newsprint	Book and writing paper	Paperboard	Other paper and paperboard*	Total paper and paperboard
A. Quantity (1000 t)						
1960	2 798	6 068	365	1 158	504	8 095
1970	6 046	7 951	798	1 600	735	11 084
1971	5 823	7 639	822	1 646	724	10 831
1972	6 698	8 130	863	1 853	512	11 358
1973	7 200	8 373	891	2 062	888	12 214
1974	7 603	8 761	1 032	2 142	917	12 852
1975	5 650	7 046	680	1 504	662	9 892
1976	6 769	7 953	818	1 791	779	11 341
1977	7 066	8 111	1 085	1 874	810	11 880
1978	8 021	8 773	1 352	2 145	897	13 167
1979	8 089	8 667	1 573	2 208	885	13 333
1980	8 165	8 419	1 617	2 267	837	13 140
1981	7 836	8 836	1 582	2 305	796	13 519
1982	7 012	7 740	1 684	1 926	712	12 062
1983	8 223	8 440	1 712	2 169	722	13 044
B. Value ($000 000)						
1960	369	783	107	166	111	1 167
1970	913	1 107	238	269	143	1 757
1971	878	1 083	242	268	159	1 752
1972	976	1 177	262	313	173	1 925
1973	1 301	1 339	321	378	214	2 252
1974	2 205	1 855	496	550	325	3 226
1975	1 983	1 847	346	412	256	2 861
1976	2 255	2 180	404	503	296	3 383
1977	2 271	2 570	559	519	301	3 949
1978	2 462	3 004	729	615	382	4 730
1979	3 288	3 336	974	733	548	5 591
1980	4 141	3 723	1 133	856	493	6 205
1981	4 005	4 386	1 205	959	515	7 065
1982	3 384	4 057	1 337	850	496	6 740
1983	3 519	4 156	1 364	966	476	6 962

* Excluding building boards.

Source: Statistics Canada Cat. No. 36-204.

II - 15. SHIPMENTS OF SELECTED WOOD-BASED PANEL PRODUCTS, 1950-1985

Year	Veneer		Plywood		Particleboard*		
	Softwoods	Hardwoods	Softwoods	Hardwoods	Waferboard	Particleboard	Total
			1 000 m^3				
1950	58	48	258	57	..	..	..
1960	223	211	917	152	..	..	..
1970	..	340	1 664	191	..	..	257
1971	526	338	1 856	209	..	..	378
1972	596	384	1 995	226	..	..	475
1973	607	365	2 187	234	..	..	565
1974	489	301	1 815	188	..	..	510
1975	506	234	1 782	202	..	..	563
1976	651	282	2 170	215	285	473	758
1977	750	127	2 393	203	384	513	897
1978	678	164	2 628	206	457	617	1 074
1979	634	..	2 386*	...	528	704	1 232
1980	638	..	2 405*	...	577	724	1 301
1981	616	..	2 110*	...	666	697	1 363
1982	473	..	1 719*	...	536	574	1 110
1983	701	..	2 057*	...	851	707	1 558
1984	..	..	1 845*	...	1 183	823	2 006
1985	..	..	1 970*	...	1 331	1 026	2 357

* In 1979 the Statistics Canada survey changed to include all construction-type plywood. The figures shown exclude poplar in order to maintain a comparable series.

Source: Statistics Canada Cat. No. 35-001 and 36-003.

SECTION III

COMMODITY TRADE

Exports

Export documents collected by Canada Customs are the basic source of export statistics, except for data on electricity, crude petroleum, and natural gas exported by pipeline.

Provincial Detail: Prior to the 1984 data year, export statistics by province of lading indicated the province in which the goods were first loaded aboard a carrier for export. In certain cases this migth differ from the province of origin, which is defined as the province in which the goods were grown, extracted, or manufactured.

Commencing with 1984 data, Statistics Canada and Revenue Canada, Customs and Excise have required export shipments to be reported by province of origin. It is recognized that the exporting community will be unable to apply the new provincial definition by a given date; therefore, the 1984 statistics will reflect a period of transition.

Country and area of destination: Exports are classified according to the country to which they are consigned at the time the goods leave Canada, i.e., to the furthest known destination. (Many primary products are shipped to transhipment points, particularly in Europe, for re-export to the ultimate destination which is unknown when the goods leave Canada.)

Imports

Import documents collected by Canada Customs are the basic source of import statistics, except for data on imports of electricity, which are reported by the importing firms directly to Statistics Canada.

Provincial detail: Import statistics by province of clearance indicate the province in which the goods were cleared by customs either for immediate consumption or for entry into a bonded customs warehouse; this may not always coincide with the province in which the goods are consumed or enter the productive process.

Country and area of consignment: Imports are credited to the country from which goods are consigned to Canada, except for goods originating in Central and South America but consigned to Canada in the United States. The principal trade areas shown in some tables are defined in section X, "User's guide".

Commodity Classification: Export commodities are classified according to the "Export Commodity Classification (XCC)," catalogue 12-502. Import commodities are classified according to the "Canadian International Trade Classification," catalogue 65-502.

III - 1. BALANCE OF TRADE BY MAJOR COMMODITY GROUP, 1983-1984

Commodity	1983 Exports* (+)	1983 Imports (-)	1983 Net flow	1984 Exports* (+)	1984 Imports (-)	1984 Net flow
	$000 000					
Forest products	**13 261**	**1 640**	**+11 621**	**15 789**	**1 965**	**+13 824**
Lumber - Total	3 997	281	+ 3 716	4 296	282	+ 4 014
- Softwoods	3 896	123	+ 3 773	4 179	108	+ 4 071
Plywood, veneer	258	88	+ 170	273	78	+ 195
Particleboard and wood building board	92	21	+ 71	155	24	+ 131
Wood pulp	3 049	86	+ 2 963	3 908	129	+ 3 779
Newsprint	3 956	--	+ 3 956	4 784	--	+ 4 784
Other paper and paperboard	1 148	876	+ 272	1 429	1 107	+ 322
Pulpwood	12	13	- 1	11	13	- 2
Pulpwood chips	89	7	+ 82	85	9	+ 76
Other crude wood materials	174	102	+ 72	261	141	+ 120
Other forest products	486	166	+ 320	587	183	+ 404
Farm products	**10 473**	**5 003**	**+ 5 470**	**10 893**	**5 906**	**+ 4 987**
Food, feed, beverages, and tobacco (including live animals)	8 910	4 585	+ 4 325	9 302	5 419	+ 3 883
Fish products	1 563	418	+ 1 145	1 591	487	+ 1 104
Crude materials, inedible	**13 978**	**7 037**	**+ 6 941**	**16 968**	**7 726**	**+ 9 242**
Coal	1 232	841	+ 391	1 820	1 094	+ 726
Crude petroleum	3 457	3 319	+ 138	4 390	3 376	+ 1 014
Natural gas	3 847	--	+ 3 847	3 886	--	+ 3 886
Metal ores, concentrates, and scrap	2 903	1 651	+ 1 252	3 679	1 855	+ 1 824
Other materials (excluding wood)	2 539	1 226	+ 1 313	3 193	1 041	+ 1 792
Fabricated products, inedible	**17 445**	**12 817**	**+ 4 628**	**21 120**	**15 789**	**+ 5 331**
Textiles	243	1 483	- 1 240	303	1 734	- 1 431
Chemicals (including fertilizers)	4 464	4 393	+ 71	5 397	5 212	+ 185
Iron and steel	1 669	1 174	+ 495	2 254	1 642	+ 612
Nonferrous metals	5 451	2 049	+ 3 402	6 426	2 258	+ 4 168
Electricity	1 228	2	+ 1 226	1 379	13	+ 1 366
Other products (excluding wood and paper)	4 390	3 716	+ 674	5 361	4 930	+ 431
End products, inedible	**35 224**	**48 131**	**-12 907**	**47 295**	**62 921**	**-15 626**
Machinery	3 165	5 919	- 2 754	3 721	7 358	- 3 637
Transportation and automotive products	24 661	23 377	+ 1 284	33 549	31 214	+ 2 335
Other products (including household and personal goods)	7 398	18 835	-11 437	10 025	24 349	-14 324
Special trade transactions	**233**	**980**	**- 747**	**431**	**1 535**	**- 1 104**
Total	**90 613**	**75 608**	**+15 005**	**112 495**	**95 842**	**+16 654**

* Including re-exports.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

COMMODITY CLASSIFICATION

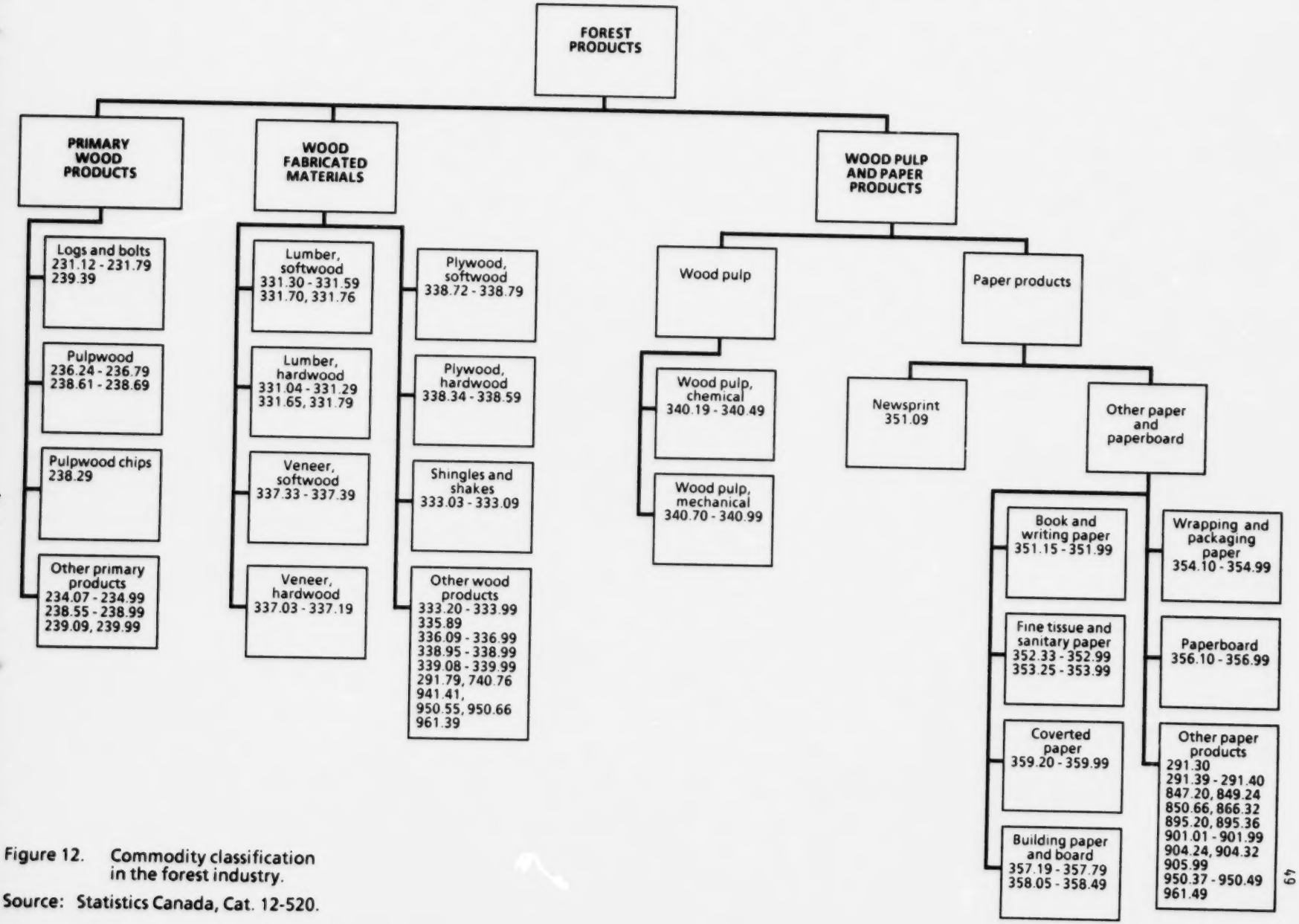

Figure 12. Commodity classification in the forest industry.

Source: Statistics Canada, Cat. 12-520.

III - 2. BALANCE OF TRADE OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP, 1970-1984

Year	Lumber		Plywood and veneer	Particle-board and wood building board	Wood-pulp	Newsprint	Other paper and paperboard	Pulp-wood	Pulp-wood chips	Other crude wood materials	Other forest products	Canada	
	Softwoods	Total										Total forest products	Total products
							$000 000						
1970	+ 616*	+ 626	+ 45	- 6	+ 775	+1 110	+ 60	+24	+11	+ 13	+ 36	+ 2 694	+ 2 868
1971	+ 772	+ 785	+ 34	- 11	+ 783	+1 084	+ 54	+16	+17	- 2	+ 42	+ 2 803	+ 2 202
1972	+1 090	+1 107	+ 37	- 15	+ 813	+1 158	+ 77	+ 9	+13	- 27	+ 52	+ 3 224	+ 1 481
1973	+1 499	+1 501	+ 50	- 23	+1 065	+1 288	+ 99	+ 8	+16	- 31	+ 45	+ 4 018	+ 2 096
1974	+1 184	+1 175	- 7	- 33	+1 870	+1 726	+143	+ 5	+14	- 28	- 23	+ 4 841	+ 720
1975	+ 878	+ 865	- 34	- 30	+1 804	+1 746	- 41	+ 2	+14	- 20	- 41	+ 4 266	- 1 388
1976	+1 516	+1 489	+ 5	- 29	+2 153	+2 003	- 54	+ 4	+22	- 15	+ 15	+ 5 593	+ 981
1977	+2 243	+2 218	+ 77	- 25	+2 123	+2 382	+ 69	+ 1	+30	+ 8	+ 81	+ 6 963	+ 2 191
1978	+3 064	+3 027	+136	- 25	+2 131	+2 886	+149	-	+43	- 16	+155	+ 8 487	+ 3 075
1979	+3 694	+3 632	+159	- 26	+3 004	+3 222	+281	- 6	+48	- 17	+173	+10 470	+ 2 770
1980	+3 157	+3 133	+173	- 23	+3 794	+3 684	+439	+11	+89	+ 7	+197	+11 504	+ 6 885
1981	+2 786	+2 753	+109	- 29	+3 736	+4 326	+244	+ 8	+95	+ 2	+180	+11 425	+ 4 329
1982	+2 776	+2 777	+169	- 15	+3 133	+4 086	+332	- 7	+94	+ 45	+272	+10 886	+16 674
1983	+3 773	+3 716	+170	+ 71	+2 963	+3 956	+272	- 1	+82	+ 72	+320	+11 621	+15 005
1984	+4 071	+4 014	+195	+131	+3 779	+4 784	+322	- 2	+76	+120	+404	+13 824	+16 654

* The + sign means surplus and the - sign means deficit.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

III - 3. BALANCE OF TRADE OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA*, 1984

Trade area	Primary wood products		Wood fabricated materials		Wood pulp	Paper products		Total forest products
	Pulpwood chips	Total	Softwood lumber	Total		Newsprint	Total	
					000 $			
United States	27 680	-57 765**	3 162 920	3 672 691	1 974 113	4 055 796	4 304 153	9 893 191
Central America	-	903	27 582	28 867	18 729	64 165	107 160	155 659
Mexico	-	-	-	-800	17 216	5 784	5 979	22 395
South America	-	-76	334	-7 196	40 734	135 022	138 203	171 665
Brazil	-	-	10	-6 205	-1 298	27 119	22 507	15 004
Chile	-	4	46	11	349	-	170	534
Venezuela	-	-	-	-12	27 583	53 445	53 836	81 407
Africa	-	78	82 069	86 689	27 918	21 857	36 855	151 541
Algeria	-	78	64 810	66 068	4 066	-	2 123	72 335
Morocco	-	-	2 465	2 474	-	-	-	2 474
Middle East - Africa	-	-	14 461	14 674	6 596	17 838	18 982	40 251
- Asia	-	1 339	52 665	56 538	6 827	419	8 430	73 134
Europe	1 958	997	277 440	473 770	1 049 404	284 709	204 958	1 729 130
Western Europe	1 958	997	277 440	474 691	1 042 728	284 709	205 440	1 723 857
Economic Community	-	2 817	271 633	467 875	984 490	281 020	265 435	1 720 618
Belgium-Luxembourg	-	364	17 634	46 955	56 125	7 165	30 130	133 574
Denmark	-	3	109	11 810	2 266	-	-265	13 814
France	-	823	35 035	52 997	121 743	1 590	-14 202	161 361
Germany, Fed. Rep.	-	483	24 749	56 129	281 430	45 971	20 464	358 506
Greece	-	-	29	261	9 655	-	566	10 482
Ireland	-	-	2 907	6 199	4 143	2 888	3 197	13 540
Italy	-	1 104	12 416	16 714	176 577	7 629	-1 131	193 265
Netherlands	-	27	7 047	17 586	118 237	7 034	2 598	138 448
United Kingdom	-	13	171 705	259 224	214 314	208 743	224 077	697 629
Scandinavia	1 958	-2 431	66	3 875	15 957	-	-58 613	-41 213
Finland	1 958	-2 762	19	-129	20	-	-28 879	-31 751
Norway	-	330	19	659	-294	-	-1 092	-396
Sweden	-	-	28	3 346	16 230	-	-28 642	-9 066
Other Western Europe	-	612	5 741	2 940	42 282	3 689	-1 382	44 452
USSR	-	-	-	-1 065	-	-	-	-1 065
Other Eastern Europe	-	-	-	144	6 676	-	-482	6 338
Asia	46 577	250 250	441 099	406 668	662 412	177 018	250 071	1 569 401
China, People's Rep.	-	57 136	32 501	33 590	65 648	26 238	41 153	197 528
Hong Kong	-	24	140	-2 740	12 322	11 938	17 903	27 509
India	-	-	15	-89	18 486	40 351	40 897	59 294
Japan	46 577	183 989	351 176	362 907	431 667	33 934	55 573	1 034 135
Korea, Rep. of (South)	-	5 665	4 327	4 995	41 710	148	2 954	55 325
Southeast Asia	-	1 004	53	-30 381	49 378	52 613	70 653	90 655
Taiwan	-	1 093	183	-18 073	24 457	9 523	8 896	16 374
Oceania	-	18	78 749	81 619	38 064	45 030	64 239	183 940
Australia	-	18	74 544	77 165	36 100	40 675	58 315	171 597
New Zealand	-	-	4 019	4 260	1 964	3 756	4 965	11 189
World	76 215	194 420	4 070 745	4 744 573	3 778 762	4 783 634	5 105 933	13 823 687

* See Section X, for details on groupings of trade areas used in this table.
** The - sign means deficit.

Source: Statistics Canada, n° de cat. 65-202.

III - 4. BALANCE OF TRADE OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA*, 1984

Trade area	Primary wood products		Wood fabricated materials				Paper products	
	Roundwood	Pulpwood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	**-2 351 444****	**546 934**	**30 527 085**	**41 811 134**	**822 057**	**3 476 763**	**6 691 891**	**7 767 756**
Central America	**210**	**-**	**217 330**	**17 800**	**2 098**	**42 195**	**119 497**	**186 945**
Mexico	-	-	-	-	-24	39 281	7 500	7 701
South America	**-**	**-**	**1 413**	**-**	**-20 041**	**80 885**	**262 157**	**268 248**
Brazil	-	-	153	-	-19 154	-2 103	56 192	47 151
Chile	-	-	153	-	41	495	-	142
Venezuela	-	-	-	-	-160	51 895	103 108	103 370
Africa	**-**	**-**	**564 584**	**7 014**	**5 197**	**55 298**	**47 557**	**66 229**
Algeria	-	-	440 776	-	308	8 016	-	3 827
Morocco	-	-	22 420	-	39	-	-	-
Middle East - Africa	-	-	98 788	-	38	13 916	41 094	42 776
- Asia	25 255	-	372 799	-	3 512	12 538	1 088	20 099
Europe	**47 860**	**28 001**	**1 973 033**	**499 716**	**515 593**	**1 910 940**	**545 078**	**576 598**
Western Europe	47 860	28 001	1 973 033	499 716	520 664	1 896 373	545 078	577 940
Economic Community	33 702	-	1 950 972	492 832	505 578	1 785 940	537 399	630 464
Belgium-Luxembourg	2 025	-	120 354	19 017	77 532	98 813	11 403	66 672
Denmark	27	-	578	2 620	37 922	4 040	-	-31
France	3 121	-	252 322	60 090	32 946	219 494	2 651	-3 964
Germany, Fed. Rep.	1 726	-	85 279	299 919	60 946	513 943	97 467	79 877
Greece	-	-	175	-	426	16 540	-	993
Ireland	-	-	24 001	-	7 520	5 161	4 983	5 024
Italy	26 535	-	44 731	9 160	22 923	330 722	16 089	8 917
Netherlands	181	-	32 536	24 155	25 449	202 317	15 974	14 780
United Kingdom	86	-	1 390 996	77 871	239 914	394 910	388 833	458 197
Scandinavia	8 178	28 001	179	-	11 011	31 588	-	-57 395
Finland	-	28 001	21	-	2 545	22	-	-36 911
Norway	8 178	-	61	-	2 076	-945	-	-1 236
Sweden	-	-	97	-	6 390	32 511	-	-19 248
Other Western Europe	5 980	-	21 882	6 884	4 074	78 844	7 679	4 870
USSR	-	-	-	-	-5 196	-	-	-
Other Eastern Europe	-	-	-	-	125	14 568	-	-1 341
Asia	**2 829 182**	**612 627**	**2 818 082**	**15 097**	**7 186**	**1 261 602**	**384 788**	**574 467**
China, People's Rep.	861 765	-	252 794	-	22 120	141 681	64 752	108 482
Hong Kong	18	-	732	-	46	31 400	26 616	38 842
India	-	-	135	-	-3	35 707	78 804	79 797
Japan	1 845 882	612 627	2 173 903	9 355	35 144	805 129	67 929	139 591
Korea, Rep. of (South)	89 803	-	16 235	5 026	3 532	77 032	322	5 792
Southeast Asia	2 007	-	337	715	-39 975	91 452	120 744	153 184
Taiwan	4 453	-	906	-	-16 968	44 120	20 460	20 563
Oceania	**-**	**-**	**365 061**	**70 997**	**4 345**	**69 107**	**81 534**	**93 283**
Australia	-	-	353 395	38 703	4 335	65 551	74 559	85 321
New Zealand	-	-	10 317	32 293	-14	3 556	6 080	6 651
World	**525 806**	**1 187 562**	**36 471 122**	**42 426 905**	**1 337 226**	**6 840 502**	**8 132 567**	**9 533 716**

* See Section X, for details on groupings of trade areas used in this table.
** The - sign means deficit.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

SHARE OF EXPORTS AND TRADE BALANCE

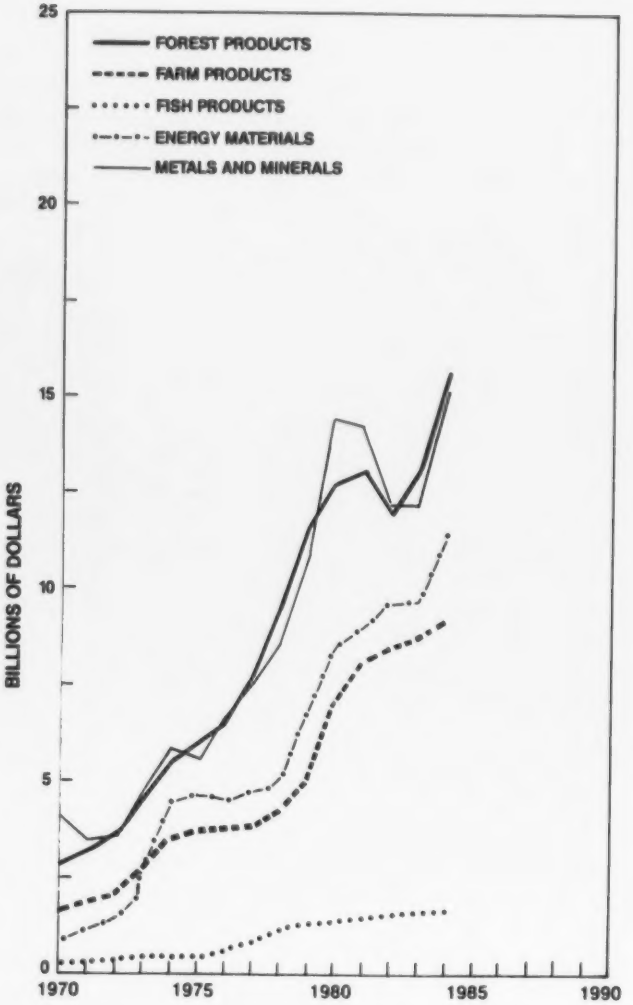

FIGURE 13. EXPORTS OF CANADIAN PRODUCTS BY COMMODITY GROUP, 1970-1984.

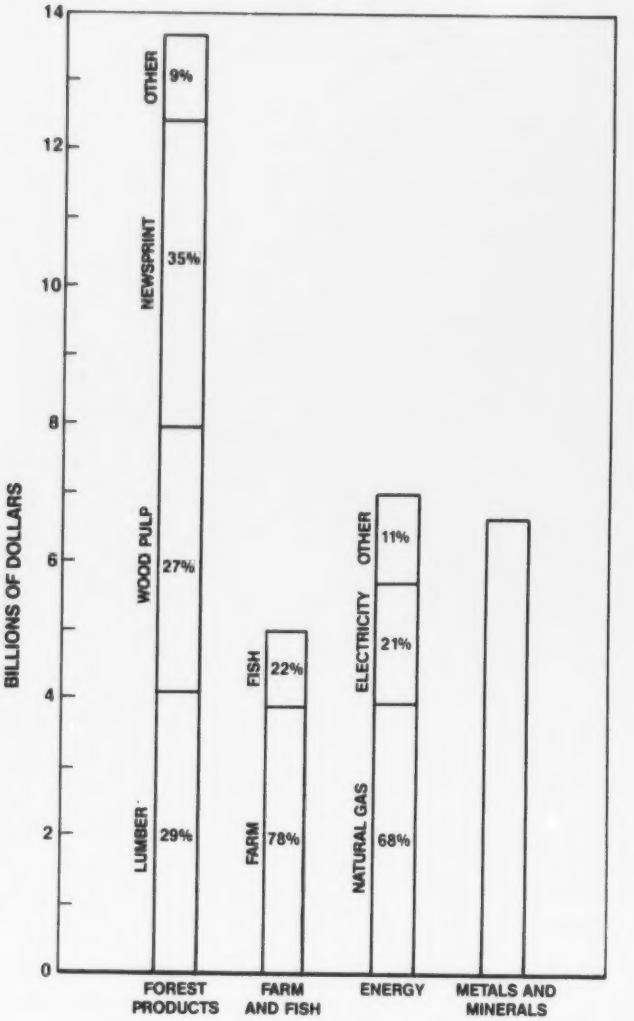

FIGURE 14. CONTRIBUTION TO NET TRADE BALANCE BY COMMODITY GROUP, 1984.

SOURCE: STATISTICS CANADA, CAT. 65-202, 65-203.

III - 5. CANADIAN EXPORTS (VALUE) BY COMMODITY GROUP, 1970-1984

Year	Forest products							Farm** products	Fish products	Energy materials†	Chemicals and fertilizers	Metals and minerals††	Other manufactured products	Re-exports	Total
	Lumber				Other paper and paperboard	Other forest products	Total*								
	Softwoods	Total	Woodpulp	Newsprint											
	$000 000														
1970	638	664	785	1 110	166	230	**2 955**	1 616	252	919	524	4 035	6 100	419	**16 820**
1971	799	830	798	1 084	173	227	**3 112**	1 838	274	1 173	544	3 602	6 854	423	**17 820**
1972	1 128	1 174	830	1 158	222	262	**3 646**	2 018	337	1 489	854	3 669	7 658	479	**20 150**
1973	1 559	1 599	1 082	1 288	286	323	**4 578**	2 677	480	2 108	700	4 760	9 535	583	**25 421**
1974	1 254	1 290	1 889	1 726	424	297	**5 626**	3 459	411	4 407	985	5 983	10 804	767	**32 442**
1975	949	973	1 834	1 746	304	270	**5 127**	3 700	447	4 742	1 030	5 550	11 952	780	**33 328**
1976	1 611	1 649	2 186	2 003	375	362	**6 575**	3 710	585	4 626	1 385	6 553	14 216	825	**38 475**
1977	2 339	2 387	2 158	2 382	468	532	**7 927**	3 816	792	4 806	1 739	7 526	17 078	870	**44 554**
1978	3 158	3 229	2 181	2 886	616	717	**9 629**	4 200	1 102	4 994	2 351	8 626	21 358	923	**53 183**
1979	3 821	3 901	3 083	3 222	824	860	**11 890**	5 024	1 290	6 858	3 322	11 048	24 885	1 324	**65 641**
1980	3 263	3 352	3 873	3 684	1 012	898	**12 819**	7 012	1 251	8 590	4 056	14 512	26 206	1 713	**76 159**
1981	2 912	2 989	3 819	4 326	962	907	**13 003**	8 258	1 483	9 145	4 614	14 320	30 513	2 475	**83 811**
1982	2 847	2 913	3 221	4 086	1 011	902	**12 133**	8 639	1 583	9 872	4 035	12 260	33 303	2 705	**84 530**
1983	3 896	3 965	3 049	3 956	1 142	1 106	**13 218**	8 865	1 544	9 845	4 372	12 224	38 087	2 458	**90 613**
1984	4 179	4 254	3 908	4 784	1 418	1 365	**15 730**	9 246	1 572	11 502	5 299	15 205	50 991	2 952	**112 496**

* Re-exports not included in forest products.

** Farm products: Food, feed, and beverages, including live animals and tobacco, excluding fish products.

† Energy materials: coal, other crude bitumin substances, coal and coke briquettes, natural gas, and electricity.

†† Metals and minerals: metal ores, concentrates and scrap, iron and steel, nonferrous metal, metal-fabricated basic products, asbestos unmanufactured, and other nonmetallic minerals.

Source: Statistics Canada Cat. No. 65-202.

III - 6. EXPORTS* AND IMPORTS OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP, 1970-1984

Year	Lumber		Plywood and veneer	Particle-board and wood building board	Wood-pulp	News-print	Other paper and paperboard	Pulp-wood	Pulp-wood chips	Other crude wood materials	Other forest products	Canada		Forest products (%)
	Softwoods	Total										Total forest products	Total products	
A. Exports								$000 000						
1970	638	664	73	-	785	1 110	167	27	11	40	81	2 958	16 820	17.6
1971	799	830	71	-	798	1 084	174	19	17	28	95	3 116	17 820	17.5
1972	1 128	1 174	97	-	830	1 158	222	14	13	20	122	3 650	20 150	18.1
1973	1 559	1 600	128	-	1 082	1 288	287	12	16	19	150	4 582	25 421	18.0
1974	1 255	1 292	107	-	1 889	1 726	425	13	14	36	129	5 631	32 442	17.4
1975	949	975	90	-	1 834	1 746	305	11	14	36	119	5 130	33 328	15.4
1976	1 611	1 653	102	-	2 186	2 003	378	12	22	40	189	6 585	38 475	17.1
1977	2 339	2 389	149	-	2 158	2 382	471	12	35	59	280	7 935	44 554	17.8
1978	3 158	3 230	212	-	2 181	2 886	618	14	49	53	391	9 634	53 183	18.1
1979	3 821	3 903	248	-	3 083	3 222	827	15	54	77	469	11 898	65 641	18.1
1980	3 265	3 368	237	-	3 873	3 684	1 015	26	91	89	459	12 842	76 159	16.9
1981	2 916	3 029	222	-	3 819	4 326	966	25	98	77	490	13 053	83 811	15.6
1982	2 848	2 954	215	-	3 221	4 086	1 016	8	98	120	470	12 188	84 530	14.4
1983	3 896	3 997	258	92	3 049	3 956	1 148	12	89	174	486	13 261	90 613	14.6
1984	4 179	4 296	273	155	3 908	4 784	1 429	11	85	261	587	15 789	112 496	14.0
B. Imports														
1970	22	38	28	6	10	-	107	3	-	27	45	264	13 952	1.9
1971	27	45	37	11	15	-	120	3	-	30	53	313	15 618	2.0
1972	38	67	60	15	17	-	145	5	-	47	70	426	18 669	2.3
1973	60	99	78	23	17	-	188	4	-	50	105	564	23 325	2.4
1974	71	117	114	33	19	-	282	8	-	64	152	790	31 722	2.5
1975	71	110	124	30	30	-	346	9	-	56	160	864	34 716	2.5
1976	95	164	97	29	33	-	432	8	-	55	174	992	37 494	2.6
1977	96	171	72	25	35	-	402	11	5	51	199	972	42 363	2.3
1978	94	203	76	25	50	-	469	14	6	69	236	1 147	50 108	2.3
1979	127	271	89	26	79	-	546	21	6	94	296	1 428	62 871	2.3
1980	108	235	64	23	79	-	576	15	2	82	262	1 338	69 274	1.9
1981	130	276	113	29	83	-	722	17	3	75	310	1 628	79 482	2.0
1982	72	177	46	15	88	-	684	15	4	75	198	1 302	67 856	1.9
1983	123	281	88	21	86	-	876	13	7	102	166	1 640	75 608	2.2
1984	108	282	78	24	129	-	1 107	13	9	141	183	1 965	95 842	2.1

* Including re-exports.

Source: Statistics Canada Cat. No. 65-202, 65-203.

III - 7. DOMESTIC EXPORTS* OF FOREST PRODUCTS (VALUE) BY PROVINCE OR REGION OF LADING 1970-1983 AND BY PROVINCE OR REGION OF ORIGIN, 1984

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
						$000 000								
A. Province or region of lading														
1970	90	1	74	183	348	781	515	13	29	50	92	1 220	--	**2 955**
1971	76	--	80	199	355	779	498	16	32	53	101	1 379	--	**3 112**
1972	86	--	88	235	409	839	548	28	40	73	141	1 708	--	**3 646**
1973	119	1	116	300	536	906	662	36	51	92	179	2 294	--	**4 578**
1974	180	1	171	450	802	1 210	857	42	58	145	245	2 511	--	**5 626**
1975	160	1	178	435	774	1 197	747	38	56	167	261	2 148	--	**5 127**
1976	166	2	168	492	828	1 336	904	44	49	188	281	3 225	1	**6 575**
1977	198	1	201	545	945	1 604	1 264	56	55	220	331	3 780	2	**7 927**
1978	177	1	222	579	979	2 086	1 566	73	78	219	370	4 628	1	**9 629**
1979	229	5	264	674	1 172	2 601	1 956	85	91	289	465	5 696	--	**11 890**
1980	256	2	318	880	1 456	2 937	2 228	90	123	316	529	5 669	--	**12 819**
1981	325	1	356	954	1 636	3 404	2 513	124	141	330	595	4 855	1	**13 003**
1982	316	1	282	718	1 317	3 347	2 385	105	97	294	496	4 589	1	**12 133**
1983	246	1	231	754	1 231	3 301	2 686	103	114	329	545	5 453	--	**13 218**
B. Province or region of origin														
1984	286	3	354	1 064	1 707	4 000	3 270	146	146	415	708	6 043	1	**15 730**

* Excluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

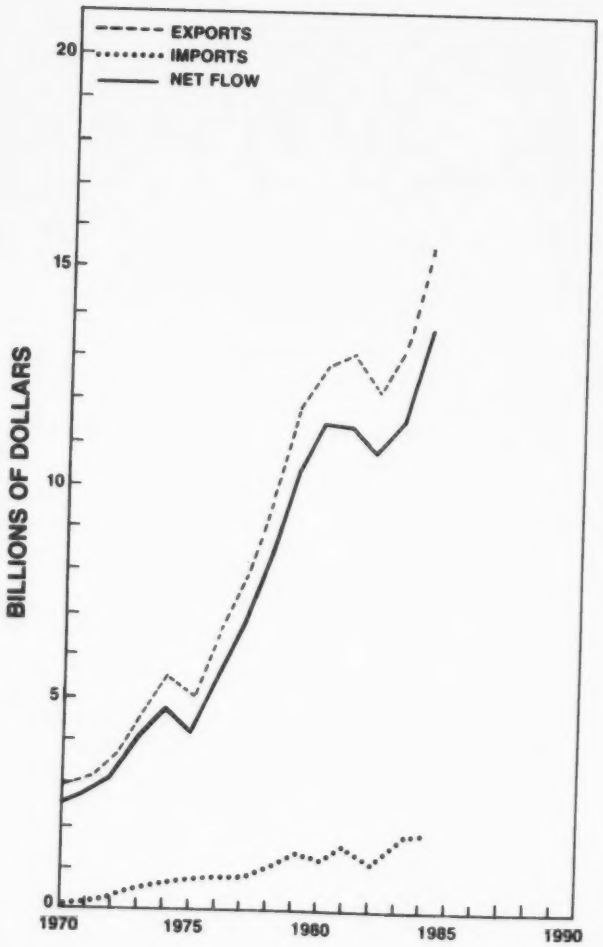

FIGURE 15. BALANCE OF TRADE OF CANADIAN FOREST PRODUCTS, 1970-1984.

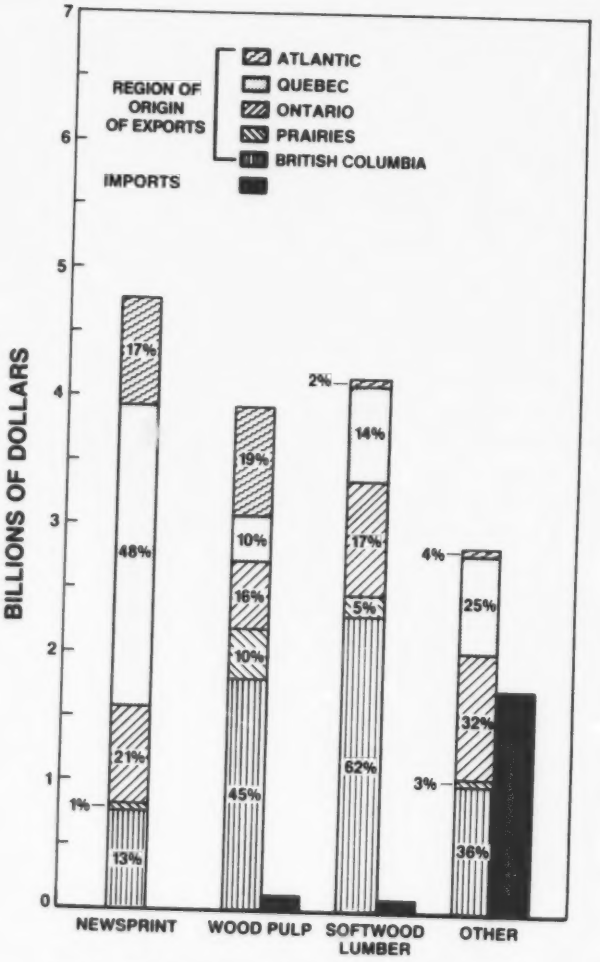

FIGURE 16. EXPORTS BY REGION OF ORIGIN AND IMPORTS BY MAJOR FOREST PRODUCTS, 1984.

SOURCE: STATISTICS CANADA CAT. 65-202, 65-203 AND SPECIAL COMPILATION.

III - 8. DOMESTIC EXPORTS* OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND PROVINCE OR REGION OF ORIGIN, 1984

Products	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.**	Canada
							$ 000						
A. Primary wood products	**1 182**	**755**	**10 571**	**12 733**	**25 242**	**15 539**	**2 951**	**216**	**254**	**1 794**	**2 264**	**309 993**	**355 989**
Logs and bolts	-	-	26	2 170	2 196	3 296	765	26	-	2	28	217 556	223 840
Pulpwood	1 180	741	1 190	3 365	6 474	3 659	49	8	-	-	8	529	10 718
Pulpwood chips	-	-	-	4 264	4 264	1 534	892	59	-	-	59	78 630	85 378
Other primary products	3	14	9 356	2 935	12 308	7 050	1 245	124	254	1 792	2 170	13 278	36 051
B. Wood fabricated materials	**458**	**2 277**	**12 600**	**93 107**	**108 443**	**799 578**	**1 007 329**	**72 122**	**22 554**	**144 493**	**239 169**	**3 109 146**	**5 263 664**
Lumber - Softwoods	303	2 018	9 876	64 075	76 272	578 037	720 842	67 022	15 627	114 769	197 418	2 606 323	4 178 892
- Hardwoods	-	8	285	1 594	1 887	34 264	33 559	994	35	174	1 203	4 040	74 952
Shingles and shakes	52	-	38	8 059	8 150	13 847	754	21	3	213	238	241 535	264 524
Veneer - Softwoods	-	9	-	-	9	356	1 414	-	-	57	57	13 757	15 593
- Hardwoods	-	37	120	1 024	1 181	44 314	59 980	-	47	163	211	894	106 579
Plywood - Softwoods	-	-	54	17	71	420	154	793	-	119	912	119 640	121 196
- Hardwoods	-	68	190	28	286	10 150	15 079	-	-	33	33	1 001	26 549
Other wood products	102	138	2 037	18 310	20 586	118 192	175 546	3 292	6 841	28 964	39 097	121 956	475 378
C. Wood pulp and paper products	**284 405**	**379**	**330 419**	**958 375**	**1 573 578**	**3 184 722**	**2 260 168**	**73 918**	**123 442**	**269 129**	**466 489**	**2 624 984**	**10 109 941**
Total wood pulp	**170**	**52**	**163 701**	**566 769**	**730 693**	**384 738**	**640 381**	**9 800**	**120 220**	**259 854**	**389 874**	**1 762 321**	**3 908 007**
Total paper products	**284 235**	**327**	**166 718**	**391 605**	**842 886**	**2 799 985**	**1 619 786**	**64 118**	**3 221**	**9 276**	**76 615**	**862 663**	**6 201 934**
Newsprint	284 134	165	158 424	348 765	791 487	2 300 484	1 003 672	46 484	26	201	46 711	641 261	4 783 616
Other paper and paperboard	101	163	8 295	42 840	51 398	499 501	616 115	17 635	3 195	9 074	29 904	221 401	1 418 319
Book and writing paper	-	23	162	64	248	239 854	271 556	110	30	45	185	46 155	557 999
Fine, tissue and sanitary	-	-	-	161	161	39 258	93 311	-	-	41	41	19 691	152 462
Wrapping and packaging	-	-	1	33	34	18 084	22 392	10 416	-	137	10 552	57 076	108 138
Paperboard	-	19	324	40 666	41 008	75 137	37 408	8	57	790	855	69 516	223 925
Building paper and board	13	40	6 498	871	7 422	46 389	50 507	3 507	159	5 671	9 337	12 766	126 421
Converted paper	6	2	158	109	275	24 944	75 748	44	-	1 333	1 377	1 031	103 374
Misc. paper products	82	79	1 153	936	2 250	55 835	65 193	3 550	2 949	1 057	7 556	15 166	146 000
Total forest products	**286 045**	**3 411**	**353 591**	**1 064 215**	**1 707 263**	**3 999 839**	**3 270 448**	**146 256**	**146 250**	**415 416**	**707 922**	**6 044 123**	**15 729 594**

* Excluding re-exports.

** Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 9. DOMESTIC EXPORTS* OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND PROVINCE OR REGION OF ORIGIN, 1984

Products	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.**	Canada
A. Primary wood products													
Roundwood (1 000 m^3)	24	17	22	264	326	144	6	1	-	--	1	3 308	3 787
Logs and bolts (1 000 m^3)	-	-	--	73	73	17	4	1	-	--	1	3 286	3 381
Pulpwood (1 000 m^3)	24	17	22	190	253	127	2	--	-	-	--	23	406
Pulpwood chips (1 000t)	-	-	-	84	84	24	10	1	-	-	1	1 187	1 305
B. Wood fabricated materials													
Lumber (1 000 m^3)													
Softwoods	2	12	78	558	651	4 900	6 384	575	148	1 353	2 076	23 087	37 097
Hardwoods	-	--	1	9	10	104	109	9	--	1	11	36	269
Shingles and shakes (1 000 m^2)	9	-	8	1 757	1 774	2 984	206	4	--	32	36	37 426	42 427
Veneer (1 000 m^3)													
Softwoods	-	--	-	-	--	1	17	-	-	--	--	75	93
Hardwoods	-	--	--	1	1	46	67	-	--	--	--	1	115
Plywood (1 000 m^3)													
Softwoods	-	-	--	--	--	1	--	3	-	--	3	421	426
Hardwoods	-	--	--	--	1	14	29	-	-	--	--	2	46
Other wood products (1 000 m^3)	-	-	11	16	28	201	520	4	39	138	182	314	1 244
C. Wood pulp and paper products (1 000 t)													
Wood pulp	--	--	303	1 124	1 427	629	1 050	21	225	469	715	3 219	7 040
Newsprint	616	--	275	597	1 488	3 715	1 670	82	--	--	82	1 178	8 133
Book and writing	-	--	--	--	--	304	383	--	--	--	--	62	750
Fine, tissue and sanitary	-	-	-	--	--	38	92	-	-	--	--	20	150
Wrapping and packaging paper	-	-	-	--	--	19	17	23	-	--	23	120	179
Paperboard	-	--	1	108	109	154	83	--	--	2	3	181	530
Building paper and board	--	--	14	3	17	121	204	13	1	18	32	30	404
Converted paper	--	--	--	--	--	8	18	--	-	1	1	1	28

* Excluding re-exports
** Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 10. DOMESTIC EXPORTS* OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF ORIGIN, 1984

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada	%
							$000							
United States	68 125	1 004	252 328	612 512	933 969	3 450 715	3 152 545	140 152	96 143	412 326	648 621	3 331 118	11 517 653	73.22
Softwood lumber	197	381	604	51 460	52 642	481 565	717 061	66 891	15 545	114 294	196 730	1 822 585	3 271 129**	
Wood pulp	-	38	94 114	284 330	378 482	267 925	610 881	9 319	70 269	257 520	337 108	467 997	2 062 393	
Newsprint	67 757	165	140 335	216 914	425 171	2 060 767	1 003 351	46 075	26	201	46 302	520 092	4 055 778**	
Central America	25 035	23	1 791	20 792	47 642	49 112	16 436	168	-	2	170	44 510	157 870	1.01
Softwood lumber	25	-	72	-	97	13 875	1 910	26	-	-	26	11 673	27 582	
Wood pulp	-	-	146	920	1 067	38	937	112	-	-	112	16 576	18 729	
Newsprint	25 009	-	473	9 141	34 623	17 411	14	-	-	-	-	12 117	64 165	
South America	43 331	-	15 142	29 678	88 150	46 586	1 715	398	-	45	443	50 017	186 911	1.19
Softwood lumber	-	-	-	-	-	6	21	-	-	-	-	307	334	
Wood pulp	-	-	1 111	3 145	4 255	3 730	-	-	-	45	45	35 088	43 118	
Newsprint	43 331	-	14 027	21 898	79 256	42 181	57	398	-	-	398	13 131	135 022	
Middle East and North Africa	13 349	1 266	3 369	6 103	24 087	57 174	5 397	28	-	461	489	101 376	188 523	1.20
Softwood lumber	-	999	269	1 655	2 923	50 181	993	17	-	358	375	79 921	134 391	
Wood pulp	-	-	2 753	1 090	3 843	449	-	-	-	-	-	13 197	17 489	
Newsprint	12 500	-	194	2 810	15 504	2 703	40	11	-	-	11	-	18 258	
Europe	89 407	484	59 658	277 592	427 142	312 458	60 140	1 970	17 066	114	19 151	1 054 766	1 873 657	11.91
Softwood lumber	60	18	8 640	10 913	19 631	32 332	646	24	20	-	44	224 783	277 437	
Wood pulp	170	-	49 059	215 427	264 657	99 346	20 850	-	17 001	-	17 001	652 650	1 054 505	
Newsprint	88 839	-	205	48 943	137 987	132 456	100	-	-	-	-	14 166	284 709	
United Kingdom	40 271	6	17 669	142 072	200 017	184 079	25 786	1 177	2 647	93	3 917	307 982	721 781	4.59
Softwood lumber	56	6	7 710	6 595	14 367	23 764	475	24	12	-	36	133 064	171 705	
Wood pulp	-	-	9 655	93 986	103 641	21 183	7 465	-	2 599	-	2 599	79 426	214 314	
Newsprint	40 215	-	185	39 978	80 378	116 876	100	-	-	-	-	11 389	208 743	
Other EEC countries	45 328	478	26 709	127 265	199 781	117 390	30 369	793	14 359	21	15 173	698 082	1 060 795	6.75
Softwood lumber	4	12	922	4 318	5 256	8 341	55	-	8	-	8	86 250	99 911	
Wood pulp	170	-	24 755	113 648	138 573	70 916	13 385	-	14 341	-	14 341	532 961	770 176	
Newsprint	45 146	-	20	8 965	54 131	15 580	-	-	-	-	-	2 565	72 277	

III - 10. DOMESTIC EXPORTS* OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF ORIGIN, 1984 (CONCLUDED)

	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada	%
							$000							
Scandinavia	330	-	12 263	60	12 654	2 339	2 727	-	-	-	-	9 852	27 571	0.18
Softwood lumber	-	-	-	-	-	-	-	-	-	-	-	68	68	
Wood pulp	-	-	12 217	60	12 277	-	-	-	-	-	-	7 625	19 902	
Newsprint	-	-	-	-	-	-	-	-	-	-	-	-	-	
China, People's Rep.	17 898	-	-	5 677	23 575	4 456	6 654	1 330	-	-	1 330	162 448	198 463	1.26
Softwood lumber	-	-	-	-	-	-	-	-	-	-	-	32 501	32 501	
Wood pulp	-	-	-	2 774	2 774	-	6 654	-	-	-	-	56 220	65 648	
Newsprint	17 898	-	-	1 300	19 198	4 369	-	-	-	-	-	2 671	26 238	
Japan	9	614	10 638	79 291	90 552	12 617	3 026	10	33 005	2 241	35 257	908 052	1 049 504	6.67
Softwood lumber	9	614	-	13	637	-	131	10	54	62	127	350 233	351 127	
Wood pulp	-	-	10 575	51 422	61 997	6 587	424	-	32 950	2 180	35 130	328 359	432 496	
Newsprint	-	-	-	26 447	26 447	2 985	-	-	-	-	-	4 503	33 934	
Southeast Asia	16 794	-	5 424	6 416	28 633	14 828	504	421	-	4	425	77 622	122 012	0.78
Softwood lumber	-	-	-	34	34	19	-	-	-	-	-	-	53	
Wood pulp	-	-	5 056	1 007	6 063	536	-	-	-	-	-	42 780	49 378	
Newsprint	16 794	-	366	3 973	21 133	11 785	-	-	-	-	-	19 695	52 613	
Australia	4 158	-	225	368	4 752	2 542	11 540	-	28	43	71	153 050	171 955	1.09
Softwood lumber	13	-	-	-	13	-	-	-	-	8	8	74 524	74 544	
Wood pulp	-	-	-	-	-	-	-	-	-	-	-	36 124	36 124	
Newsprint	4 146	-	-	11	4 157	-	-	-	-	-	-	36 518	40 675	
World	286 045	3 411	353 591	1 064 215	1 707 263	3 999 839	3 270 448	146 256	146 250	415 416	707 922	6 043 439	15 729 594	100.00
Softwood lumber	303	2 018	9 876	64 075	76 272	578 037	720 842	67 022	15 627	114 769	197 418	2 605 777	4 178 892**	
Wood pulp	170	52	163 701	566 769	730 693	384 738	640 381	9 800	120 220	259 854	389 874	1 762 321	3 908 007	
Newsprint	284 134	165	158 424	348 765	791 487	2 300 484	1 003 672	46 484	26	201	46 711	641 165	4 783 616**	

* Excluding re-exports.

** Includes Yukon; the Yukon exported $683 000 worth of forest products to the United States, $546 000 worth of softwood lumber and $96 000 worth of newsprint.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 11. DOMESTIC EXPORTS* OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF ORIGIN, 1984

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
United States													
Softwood lumber (m^3)	1 737	3 464	5 668	465 402	476 271	4 279 660	6 362 041	574 580	147 120	1 349 186	2 070 887	17 959 851	**31 153 332****
Wood pulp (t)	-	70	173 009	548 336	721 414	430 946	997 979	20 073	132 197	464 862	617 133	837 906	**3 605 378**
Newsprint (t)	133 217	284	240 989	345 495	719 985	3 281 621	1 668 918	81 112	38	356	81 506	939 667	**6 691 874****
Central America													
Softwood lumber (m^3)	186	-	3 275	-	3 462	88 155	7 948	66	-	-	66	117 699	**217 330**
Wood pulp (t)	-	-	289	1 784	2 074	120	1 656	218	-	-	218	38 127	**42 195**
Newsprint (t)	55 507	-	999	13 343	69 849	28 529	20	-	-	-	-	21 100	**119 497**
South America													
Softwood lumber (m^3)	-	-	-	-	-	57	64	-	-	-	-	1 293	**1 413**
Wood pulp (t)	-	-	2 204	12 773	14 977	5 739	-	-	-	66	66	63 986	**84 768**
Newsprint (t)	95 127	-	25 311	37 393	157 831	79 091	107	697	-	-	697	24 432	**262 157**
Middle East and North Africa													
Softwood lumber (m^3)	-	6 470	1 392	12 271	20 133	320 899	8 040	153	-	2 947	3 100	582 486	**934 658**
Wood pulp (t)	-	-	5 013	2 012	7 025	1 062	-	-	-	-	-	26 383	**34 470**
Newsprint (t)	30 855	-	450	5 392	36 697	5 409	56	20	-	-	20	-	**42 182**
Europe													
Softwood lumber (m^3)	493	118	65 714	80 288	146 613	210 286	4 078	90	64	-	153	1 611 896	**1 973 026**
Wood pulp (t)	186	-	89 585	411 311	501 081	167 155	32 534	-	31 878	-	31 878	1 187 494	**1 920 142**
Newsprint (t)	190 044	-	426	91 432	281 902	231 266	196	-	-	-	-	31 714	**545 078**
United Kingdom													
Softwood lumber (m^3)	460	35	58 661	43 396	102 552	153 829	2 013	90	33	-	123	1 132 479	**1 390 996**
Wood pulp (t)	-	-	17 244	183 164	200 408	36 442	10 982	-	4 896	-	4 896	142 182	**394 910**
Newsprint (t)	87 306	-	369	73 352	161 027	202 360	196	-	-	-	-	25 250	**388 833**
Other EEC countries													
Softwood lumber (m^3)	33	83	7 001	36 892	44 009	55 093	1 654	-	31	-	31	459 133	**559 919**
Wood pulp (t)	186	-	43 023	212 031	255 239	116 279	21 552	-	26 865	-	26 865	971 094	**1 391 030**
Newsprint (t)	95 460	-	57	18 080	113 597	28 906	-	-	-	-	-	6 064	**148 566**

III - 11. DOMESTIC EXPORTS* OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF ORIGIN, 1984 (CONCLUDED)

	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
Scandinavia													
Softwood lumber (m^3)	-	-	-	-	-	-	-	-	-	-	-	198	198
Wood pulp (t)	-	-	25 145	101	25 246	-	-	-	-	-	-	13 547	38 793
Newsprint (t)	-	-	-	-	-	-	-	-	-	-	-	-	-
China, People's Rep.													
Softwood lumber (m^3)	-	-	-	-	-	-	-	-	-	-	-	252 794	252 794
Wood pulp (t)	-	-	-	12 302	12 302	-	15 275	-	-	-	-	114 103	141 681
Newsprint (t)	44 871	-	-	2 940	47 811	9 972	-	-	-	-	-	6 969	64 752
Japan													
Softwood lumber (m^3)	47	1 763	-	33	1 843	-	1 055	76	255	477	807	2 170 097	2 173 802
Wood pulp (t)	-	19 318	-	108 183	127 501	11 673	641	-	61 014	3 652	64 666	602 148	806 629
Newsprint (t)	-	-	-	54 965	54 965	4 080	-	-	-	-	-	8 884	67 929
Southeast Asia													
Softwood lumber (m^3)	-	-	-	203	203	135	-	-	-	-	-	-	337
Wood pulp (t)	-	-	11 923	2 712	14 636	978	-	-	-	-	-	75 839	91 452
Newsprint (t)	39 502	-	1 000	9 756	50 257	26 415	-	-	-	-	-	44 072	120 744
Australia													
Softwood lumber (m^3)	33	-	-	-	33	-	-	-	-	54	54	353 307	353 395
Wood pulp (t)	-	-	-	-	-	-	-	-	-	-	-	65 587	65 587
Newsprint (t)	9 316	-	-	10	9 326	-	-	-	-	-	-	65 233	74 559
World													
Softwood lumber (m^3)	2 497	11 874	78 046	558 197	650 613	4 899 630	6 383 986	575 493	147 500	1 352 966	2 075 960	23 082 323	37 097 135**
Wood pulp (t)	186	92	302 916	1 123 694	1 426 888	629 221	1 050 004	20 790	225 089	468 722	714 601	3 219 336	7 040 050
Newsprint (t)	615 784	284	275 085	597 081	1 488 234	3 714 704	1 669 508	81 828	38	356	82 222	1 177 704	8 132 550**

* Excluding re-exports.

** The Yukon exported 4 623 m^3 of softwood lumber and 177 tonnes of newsprint to the United States.

Source: Statistics Canada Source Compilation, International Trade Division.

III - 12. DOMESTIC EXPORTS* OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA**, 1984

Trade area	Primary wood products		Wood fabricated materials		Wood pulp	Paper products		Total forest products
	Pulpwood chips	Total	Softwood lumber	Total		Newsprint	Total	
					$000			
United States	36 844	99 830	3 271 129	4 137 705	2 062 393	4 055 778	5 217 725	11 517 653
Central America	-	903	27 582	30 937	18 729	64 165	107 301	157 870
Mexico	-	-	-	126	17 216	5 784	6 071	23 414
South America	-	21	334	599	43 118	135 022	143 173	186 911
Brazil	-	-	10	10	1 086	27 119	27 273	28 369
Chile	-	4	46	177	349	-	195	725
Venezuela	-	-	-	60	27 583	53 445	53 836	81 479
Africa	-	78	82 069	87 340	27 918	21 857	39 976	155 312
Algeria		78	64 810	66 068	4 066	-	2 123	72 335
Morocco		-	2 465	2 474	-	-	-	2 474
Middle East - Africa	-	-	14 461	14 674	6 596	17 838	18 982	40 251
- Asia		1 339	52 655	56 371	6 827	419	8 926	73 463
Europe	1 958	5 004	277 437	453 493	1 054 505	284 709	360 655	1 873 657
Western Europe	1 958	5 004	277 437	452 850	1 047 829	284 709	360 623	1 866 307
Economic Community	-	2 129	271 616	440 760	984 490	281 020	355 197	1 782 576
Belgium-Luxembourg	-	91	17 634	41 628	56 125	7 165	31 514	129 358
Denmark	-	3	109	11 822	2 266	-	65	14 156
France	-	664	35 035	46 301	121 743	1 590	2 140	170 849
Germany, Fed. Rep.	-	252	24 749	50 092	281 430	45 971	47 468	379 241
Greece	-	-	29	265	9 655	-	567	10 486
Ireland	-	-	2 907	5 916	4 143	2 888	3 217	13 276
Italy	-	1 097	12 399	18 643	176 577	7 629	7 925	204 242
Netherlands	-	-	7 048	13 112	118 237	7 034	7 839	139 188
United Kingdom	-	22	171 705	252 983	214 314	208 743	254 462	721 781
Scandinavia	1 958	2 288	68	4 346	19 902	-	1 035	27 571
Finland	1 958	1 958	21	1 204	20	-	446	3 628
Norway	-	330	19	765	-	-	15	1 110
Sweden	-	-	28	2 377	19 882	-	574	22 833
Other Western Europe	-	587	5 753	7 744	43 437	3 689	4 390	56 159
USSR	-	-	-	88	-	-	-	88
Other Eastern Europe	-	-	-	555	6 676	-	32	7 262
Asia	46 577	250 122	441 040	470 269	663 242	177 018	268 239	1 651 872
China, People's Rep.	-	57 136	32 501	34 119	65 648	26 238	41 559	198 463
Hong Kong	-	24	140	678	12 322	11 938	18 902	31 926
India	-	-	15	30	18 486	40 351	40 932	59 448
Japan	46 577	183 974	351 127	364 448	432 496	33 934	68 586	1 049 504
Korea, Rep. of (South)	-	5 665	4 327	7 233	41 710	148	4 544	59 153
Southeast Asia	-	993	53	823	49 378	52 613	70 818	122 012
Taiwan	-	991	183	6 523	24 457	9 523	10 357	42 328
Oceania	-	18	78 479	81 855	38 087	45 030	64 563	184 524
Australia	-	18	74 544	77 298	36 124	40 675	58 515	171 955
New Zealand	-	-	4 019	4 363	1 964	3 756	5 088	11 415
World	85 378	355 989	4 178 892	5 263 664	3 908 007	4 783 616	6 201 934	15 729 594

* Excluding re-exports.

** See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

III - 13. DOMESTIC EXPORTS* OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND TRADE AREA**, 1984

Trade area	Primary wood products		Wood fabricated materials				Paper products	
	Roundwood	Pulpwood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	913 760	664 776	31 153 332	41 811 134	1 633 350	3 605 378	6 691 874	8 272 690
Central America	210	-	217 330	17 800	2 250	42 195	119 497	186 965
Mexico	-	-	-	-	85	39 281	7 500	7 721
South America	-	-	1 413	-	78	84 768	262 157	278 007
Brazil	-	-	153	-	-	1 781	56 192	56 248
Chile	-	-	153	-	78	495	-	227
Venezuela	-	-	-	-	-	51 895	103 108	103 370
Africa	-	-	564 584	7 014	5 767	55 298	47 557	69 682
Algeria	-	-	440 776	-	308	8 016	-	3 827
Morocco	-	-	22 420	-	39	-	-	-
Middle East - Africa	-	-	98 788	-	38	13 916	41 094	42 776
- Asia	25 255	-	372 674	-	3 300	12 538	1 088	20 686
Europe	44 376	28 001	1 973 026	499 716	469 475	1 920 142	545 078	692 259
Western Europe	44 376	28 001	1 973 026	499 716	468 951	1 905 575	545 078	692 259
Economic Community	30 223	-	1 950 915	492 832	457 975	1 785 940	537 399	682 949
Belgium-Luxembourg	485	-	120 354	19 017	69 056	98 813	11 403	67 222
Denmark	27	-	578	2 620	37 048	4 040	-	17
France	2 514	-	252 322	60 090	21 517	219 494	2 651	2 861
Germany, Fed. Rep.	729	-	85 279	299 919	53 632	513 943	97 467	100 405
Greece	-	-	175	-	426	16 540	-	993
Ireland	-	-	24 001	-	7 028	5 161	4 983	5 024
Italy	26 377	-	44 670	9 160	21 260	330 722	16 089	16 684
Netherlands	-	-	32 541	24 155	18 162	202 317	15 974	17 741
United Kingdom	91	-	1 390 996	77 871	229 847	394 910	388 833	472 003
Scandinavia	8 178	28 001	198	-	8 584	38 793	-	135
Finland	-	28 001	40	-	2 430	22	-	110
Norway	8 178	-	61	-	2 267	-	-	-
Sweden	-	-	97	-	3 887	38 771	-	25
Other Western Europe	5 976	-	21 913	6 884	2 392	80 841	7 679	9 175
USSR	-	-	-	-	-	-	-	-
Other Eastern Europe	-	-	-	-	524	14 568	-	-
Asia	2 828 330	612 627	2 817 855	15 097	76 986	1 263 102	384 788	578 902
China, People's Rep.	861 765	-	252 794	-	22 589	141 681	64 752	108 482
Hong Kong	18	-	732	-	864	31 400	26 616	38 851
India	-	-	135	-	-	35 707	78 804	79 800
Japan	1 845 846	612 627	2 173 802	9 355	35 528	806 629	67 929	142 631
Korea, Rep. of (South)	89 803	-	16 235	5 026	4 046	77 032	322	5 927
Southeast Asia	1 753	-	337	715	807	91 452	120 744	153 841
Taiwan	3 891	-	906	-	9 851	44 120	20 460	20 566
Oceania	-	-	365 061	70 997	4 675	69 144	81 534	93 524
Australia	-	-	353 395	38 703	4 607	65 587	74 559	85 380
New Zealand	-	-	10 317	32 293	45	3 556	6 080	6 833
World	3 786 676	1 305 404	37 097 135	42 426 905	2 193 373	7 040 050	8 132 550	10 172 238

* Excluding re-exports.
** See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

III - 14. IMPORTS OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND PROVINCE OR REGION OF CLEARANCE, 1984

Products	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.*	Canada
						$ 000							
A. Primary wood products	**1 016**	**-**	**1 488**	**12 900**	**15 403**	**106 335**	**34 488**	**282**	**85**	**408**	**776**	**5 562**	**162 564**
Logs and bolts	-	-	9	4 578	4 587	98 603	16 631	75	4	1	80	573	120 474
Pulpwood	-	-	-	82	82	808	11 027	1	-	-	1	835	12 753
Pulpwood chips	-	-	-	8 061	8 061	48	897	-	1	14	16	142	9 163
Other primary products	1 016	-	1 479	178	2 673	6 876	5 933	206	80	393	679	4 012	20 174
B. Wood fabricated materials	**32**	**291**	**2 595**	**12 130**	**15 047**	**119 821**	**255 822**	**18 405**	**6 338**	**12 366**	**37 108**	**138 866**	**566 664**
Lumber - Softwoods	5	180	135	6 943	7 264	15 854	33 992	2 564	488	1 598	4 650	46 710	108 469
- Hardwoods	-	-	980	1 157	2 138	53 714	90 549	8 640	3 202	3 176	15 018	11 631	173 049
Shingles and shakes	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer - Softwoods	-	-	23	-	23	1 418	530	-	31	5	36	9 650	11 658
- Hardwoods	-	-	-	2	2	8 458	16 002	3	385	378	766	783	26 011
Plywood - Softwoods	-	-	-	5	5	635	4 141	47	-	19	66	1 410	6 257
- Hardwoods	-	-	7	21	28	10 160	10 724	1	-	16	16	13 527	34 455
Other wood products	27	110	1 449	4 002	5 588	29 583	99 883	7 151	2 231	7 174	16 557	55 154	206 766
C. Wood pulp and paper products	**3 087**	**102**	**5 439**	**40 430**	**49 057**	**260 685**	**737 952**	**44 230**	**2 983**	**29 570**	**76 783**	**111 315**	**1 235 791**
Total wood pulp	**-**	**45**	**73**	**5 444**	**5 562**	**30 358**	**71 695**	**-**	**-**	**6 046**	**6 046**	**15 592**	**129 253**
Total paper products	**3 087**	**56**	**5 366**	**34 986**	**43 495**	**230 327**	**666 257**	**44 230**	**2 983**	**23 524**	**70 737**	**95 722**	**1 106 539**
Newsprint	-	-	-	-	-	-	-	-	-	-	-	-	-
Book and writing paper	37	-	44	22 093	22 174	46 373	88 269	11 738	244	2 835	14 818	14 725	186 359
Fine, tissue and sanitary	34	-	389	4 174	4 597	45 328	125 570	10 251	232	4 543	15 026	12 049	202 571
Wrapping and packaging	-	-	181	1 343	1 524	11 637	23 087	4 735	-	312	5 047	1 498	42 793
Paperboard	2 504	-	445	643	3 592	16 374	68 052	6 222	7	7 934	14 163	17 104	119 284
Building paper and board	51	-	47	303	401	12 864	18 911	1 457	871	392	2 720	6 965	41 861
Converted paper	138	1	1 600	1 639	3 379	37 880	111 819	1 862	594	1 274	3 730	12 929	169 737
Misc. paper products	322	55	2 659	4 791	7 828	59 870	230 549	7 965	1 035	6 233	15 233	30 451	343 931
Total forest products	**4 134**	**392**	**9 521**	**65 460**	**79 507**	**486 841**	**1 028 262**	**62 917**	**9 406**	**42 343**	**114 667**	**255 741**	**1 965 019**

* Including Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 15. IMPORTS OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND PROVINCE OR REGION OF CLEARANCE, 1984

Products	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.*	Canada
A. Primary wood products													
Roundwood (1 000 m^3)	-	-	--	111	111	2 527	563	2	--	--	2	63	3 266
Logs and bolts (1 000 m^3)	-	-	--	108	108	2 502	172	1	--	--	2	23	2 807
Pulpwood (1 000 m^3)	-	-	-	3	3	25	391	--	-	-	--	40	459
Pulpwood chips (1 000t)	-	-	-	98	98	1	15	-	--	--	--	3	118
B. Wood fabricated materials													
Lumber (1 000 m^3)													
Softwoods	--	--	1	58	59	97	153	13	2	9	25	294	628
Hardwoods	-	-	5	5	10	182	320	21	6	8	34	31	576
Shingles and shakes (1 000 m^2)	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer (1 000 m^3)													
Softwoods	-	-	--	-	--	4	2	-	--	--	--	42	48
Hardwoods	-	-	--	--	--	9	16	--	--	--	--	1	26
Plywood (1 000 m^3)													
Softwoods	-	-	-	--	--	2	14	--	-	--	--	4	20
Hardwoods	-	-	--	--	--	26	21	--	-	--	--	28	75
Other wood products (1 000 m^3)	-	-	--	1	1	26	41	1	--	12	13	97	179
C. Wood pulp and paper products (1 000 t)													
Wood pulp	-	--	--	10	10	49	109	-	-	8	8	24	200
Newsprint	-	-	-	-	-	-	-	-	-	-	-	-	-
Book and writing paper	--	-	--	20	20	48	79	12	--	3	15	14	175
Fine, tissue and sanitary	--	-	--	3	3	25	63	6	--	2	8	8	107
Wrapping and packaging paper	-	-	--	2	2	18	22	7	-	--	7	2	52
Paperboard	5	-	1	1	7	26	109	11	--	10	21	29	191
Building paper and board	--	-	--	--	--	18	20	2	1	--	4	12	54
Converted paper	--	-	--	1	1	12	42	--	--	--	1	5	61

* Including Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 16. IMPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA*, 1984

Trade area	Primary wood products		Wood fabricated materials		Wood pulp	Paper products		Total forest products
	Pulpwood chips	Total	Softwood lumber	Total		Newsprint	Total	
					$000			
United States	9 163	157 612	108 455	469 931	88 288	-	923 440	1 639 272
Central America	-	-	-	2 164	-	-	269	2 433
Mexico	-	-	-	926	-	-	93	1 019
South America	-	97	-	7 796	2 384	-	4 971	15 247
Brazil	-	-	-	6 214	2 384	-	4 766	13 365
Chile	-	-	-	166	-	-	25	191
Venezuela	-	-	-	72	-	-	-	72
Africa	-	-	-	1 255	-	-	3 123	4 379
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
- Asia	-	-	-	4	-	-	496	500
Europe	-	4 794	14	19 693	5 101	-	156 097	185 685
Western Europe	-	4 794	14	18 130	5 101	-	155 566	183 590
Economic Community	-	70	1	8 844	-	-	90 144	99 058
Belgium-Luxembourg	-	-	-	73	-	-	1 384	1 457
Denmark	-	-	-	714	-	-	331	1 045
France	-	-	-	417	-	-	16 491	16 908
Germany, Fed. Rep.	-	61	-	2 390	-	-	27 013	29 465
Greece	-	-	-	4	-	-	-	4
Ireland	-	-	-	32	-	-	20	52
Italy	-	-	-	3 298	-	-	9 057	12 355
Netherlands	-	-	1	467	-	-	5 242	5 708
United Kingdom	-	9	-	1 449	-	-	30 605	32 063
Scandinavia	-	4 719	2	3 094	3 946	-	59 649	71 408
Finland	-	4 719	-	1 893	-	-	29 325	35 938
Norway	-	-	-	177	294	-	1 107	1 578
Sweden	-	-	-	1 024	3 652	-	29 216	33 892
Other Western Europe	-	4	12	6 192	1 555	-	5 773	13 125
USSR	-	-	-	1 153	-	-	-	1 153
Other Eastern Europe	-	-	-	410	-	-	532	942
Asia	-	61	-	65 589	830	-	18 255	84 734
China, People's Rep.	-	-	-	551	-	-	407	957
Hong Kong	-	-	-	3 420	-	-	999	4 419
India	-	-	-	119	-	-	35	154
Japan	-	-	-	2 122	830	-	13 096	16 048
Korea, Rep. of (South)	-	-	-	2 549	-	-	1 594	4 143
Southeast Asia	-	40	-	31 236	-	-	165	31 440
Taiwan	-	21	-	25 464	-	-	1 461	26 946
Oceania	-	-	-	236	24	-	372	632
Australia	-	-	-	133	-	-	246	403
New Zealand	-	-	-	103	24	-	126	229
World	9 163	162 564	108 469	566 664	129 253	-	1 106 539	1 965 019

* See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

III - 17. IMPORTS OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA*, 1984

Trade area	Primary wood products		Wood fabricated materials				Paper products	
	Roundwood	Pulpwood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	3 265 652	117 842	627 448	-	815 517	128 631	-	507 301
Central America	-	-	-	-	279	-	-	20
Mexico	-	-	-	-	109	-	-	20
South America	-	-	-	-	20 119	3 883	-	9 759
Brazil	-	-	-	-	19 154	3 883	-	9 097
Chile	-	-	-	-	37	-	-	85
Venezuela	-	-	-	-	160	-	-	-
Africa	-	-	-	-	1 523	-	-	3 453
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
- Asia	-	-	-	-	-	-	-	587
Europe	254	-	54	-	13 023	9 202	-	115 720
Western Europe	254	-	54	-	7 429	9 202	-	114 378
Economic Community	145	-	5	-	6 089	-	-	52 543
Belgium-Luxembourg	-	-	-	-	57	-	-	550
Denmark	-	-	-	-	108	-	-	48
France	-	-	-	-	5	-	-	6 838
Germany, Fed. Rep.	140	-	-	-	4 740	-	-	20 529
Greece	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	10	-	-	-
Italy	-	-	-	-	681	-	-	7 767
Netherlands	-	-	5	-	352	-	-	2 960
United Kingdom	5	-	-	-	137	-	-	13 851
Scandinavia	-	-	19	-	1 058	7 205	-	57 530
Finland	-	-	19	-	640	-	-	37 021
Norway	-	-	-	-	286	945	-	1 236
Sweden	-	-	-	-	133	6 260	-	19 273
Other Western Europe	109	-	31	-	281	1 997	-	4 305
USSR	-	-	-	-	5 196	-	-	-
Other Eastern Europe	-	-	-	-	399	-	-	1 341
Asia	59	-	-	-	73 144	1 500	-	4 435
China, People's Rep.	-	-	-	-	501	-	-	-
Hong Kong	-	-	-	-	818	-	-	10
India	-	-	-	-	3	-	-	3
Japan	-	-	-	-	1 179	1 500	-	3 040
Korea, Rep. of (South)	-	-	-	-	1 119	-	-	136
Southeast Asia	59	-	-	-	40 810	-	-	657
Taiwan	-	-	-	-	28 490	-	-	3
Oceania	-	-	-	-	330	36	-	262
Australia	-	-	-	-	271	36	-	80
New Zealand	-	-	-	-	59	-	-	182
World	3 265 965	117 842	627 502	-	923 936	199 564	-	640 968

* See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

EXPORTS

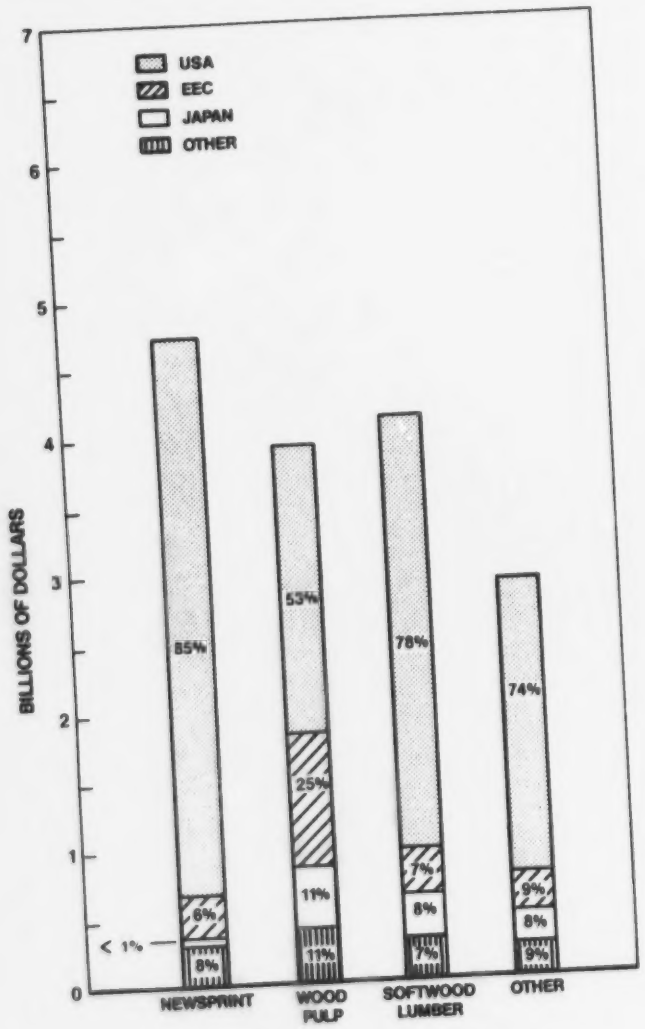

FIGURE 17. EXPORTS OF CANADIAN FOREST PRODUCTS BY COMMODITY GROUP AND PRINCIPAL TRADE AREA, 1984.

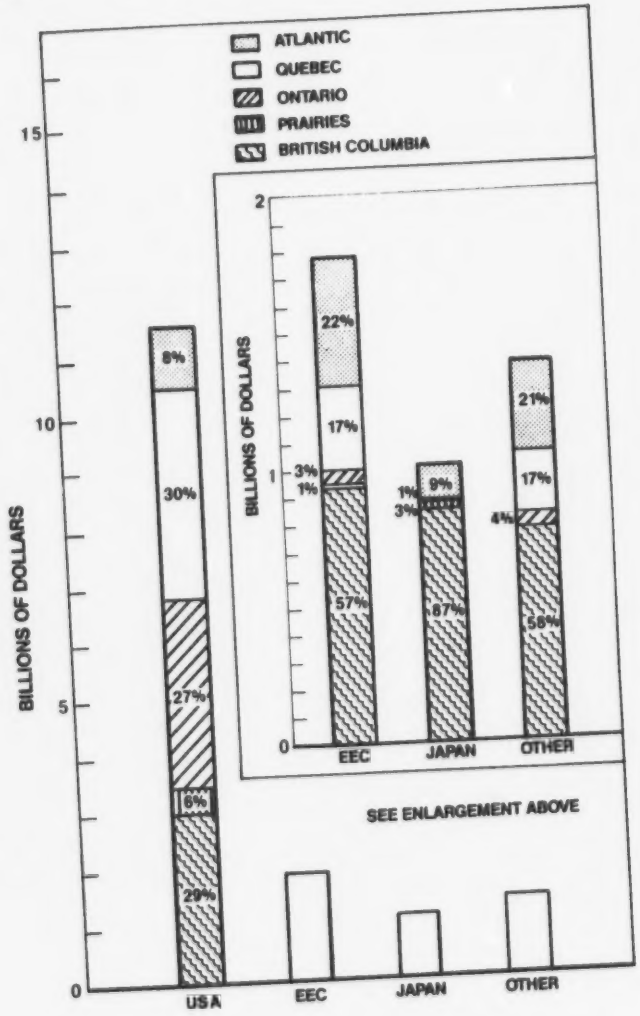

FIGURE 18. EXPORTS OF CANADIAN FOREST PRODUCTS BY PRINCIPAL TRADE AREA AND REGION OF ORIGIN, 1984.

SOURCE: STATISTICS CANADA CAT. 65-202 AND SPECIAL COMPILATION.

SECTION IV

PRINCIPAL STATISTICS

The **Census of Manufactures** is an annual survey of establishments primarily engaged in manufacturing, together with associated head offices, sales offices, and auxiliary units classified according to manufacturing industries. An establishment, usually a plant or a mill, is the smallest operating unit for which it is possible to provide a specified range of basic industrial statistics (essentially, employment data and the elements of input and output necessary to calculate value added).

Establishments providing data for the Census of Manufactures are classified according to the Standard Industrial Classification (SIC) system. Data are assigned to the various industries on the basis of the principal activity of the establishment.

This **classification system** is revised every 10 years and commencing with the 1983 data year, the Census of Manufactures has been compiled according to the 1980 version of the SIC.

In this section, 1970-1981 data have been compiled according to the 1970 version of the SIC and 1982-1983 according to the **1980 version.**

Detailed definitions of all industries covered by this section can be found in the publication "Standard Industrial Classification, 1980," Catalogue 12-501.

The **headings** used in the principal statistics tables are **briefly described** in section X, Definition of terms and conversion factors. For detailed definitions and some qualifications to the preceding explanations, see "Concepts and Definitions of the Census of Manufactures," Catalogue 31-528.

IV - 1. FOREST INDUSTRIES BY SECTOR, 1983

Sector	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees*: Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
Logging	3 508	39 771	80 446	1 013	200	2 605	4 915	2 111	45 943	1 219	2 158
Wood industries	3 453	85 499	172 757	1 950	323	5 297	9 406	3 942	101 965	2 427	3 993
Paper and allied industries	672	86 375	178 775	2 392	1 586	7 468	15 011	5 929	114 308	3 341	5 940
Total forest industries (A)	**7 633**	**211 645**	**431 978**	**5 355**	**2 109**	**15 370**	**29 332**	**11 982**	**262 216**	**6 987**	**12 091**
Total manufacturing industries	35 286	1 193 685	2 454 431	25 749	6 636	119 609	203 256	76 936	1 670 881	39 594	81 774
Logging and manufacturing industries (B)	**38 794**	**1 233 456**	**2 534 877**	**26 762**	**6 836**	**122 214**	**208 171**	**79 047**	**1 716 824**	**40 813**	**83 932**
Percentage A from B	19.7	17.2	17.0	20.0	30.9	12.6	14.1	15.2	15.3	17.1	14.4

* Excluding 2478 working owners and partners in the forest sector.

Source: Statistics Canada Cat. No. 25-201, 25-202, and 31-203.

STANDARD INDUSTRIAL CLASSIFICATION

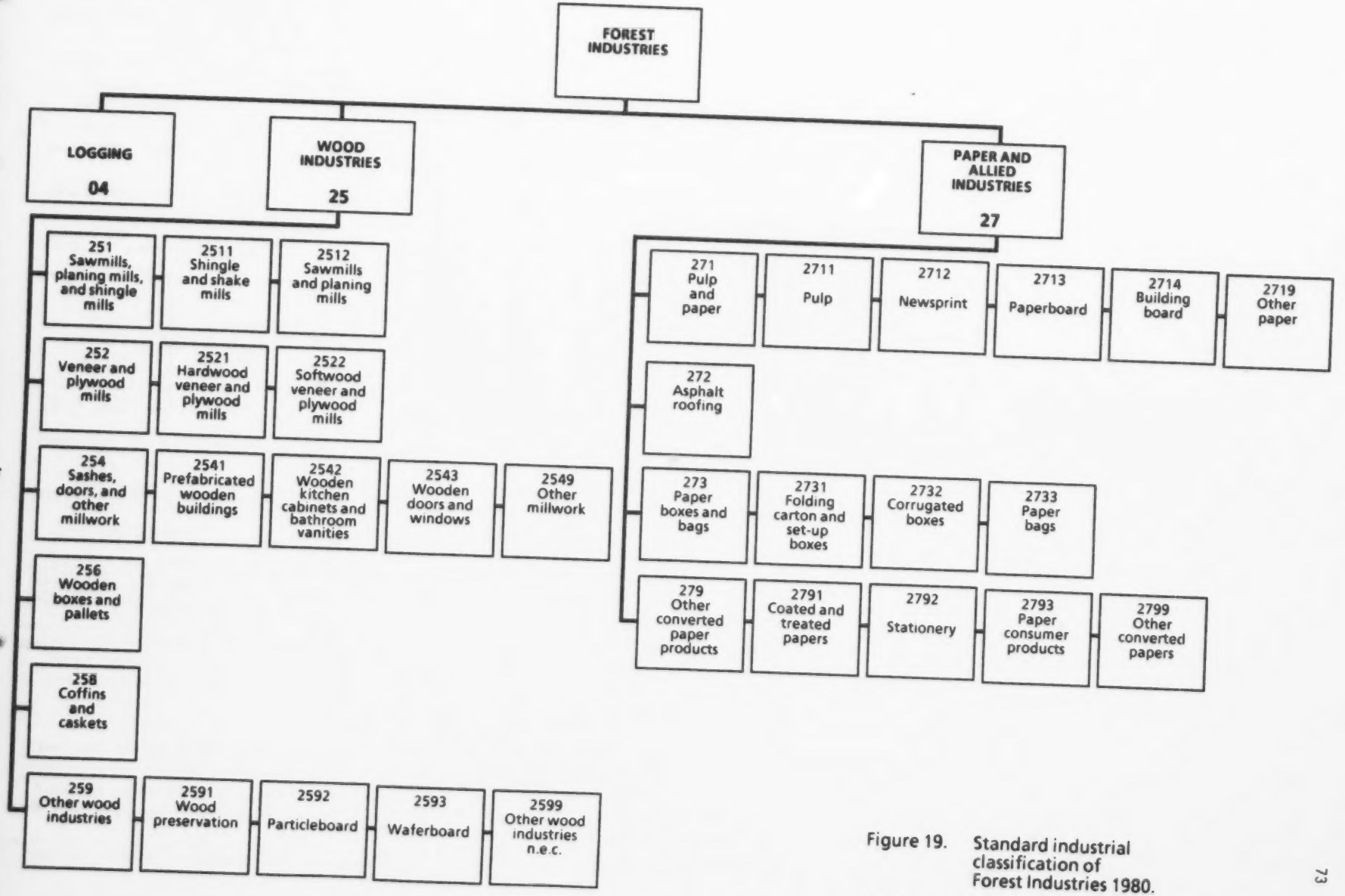

Figure 19. Standard industrial classification of Forest Industries 1980.

Source: Statistics Canada, Cat. 12-501.

Sector	S.I.C.**	MANUFACTURING ACTIVITY								TOTAL ACTIVITY		
		Production and related workers								Total employees*		
		Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
				1 000	$000 000						$000 000	
Sawmill, planing mill, and shingle mill products	**251**	**1 388**	**50 179**	**101 115**	**1 264**	**228**	**3 507**	**6 106**	**2 502**	**59 674**	**1 548**	**2 509**
Shingle and shake industry	2 511	98	1 417	2 714	33	2	64	115	47	1 539	39	46
Sawmills and planing mills	2 512	1 290	48 762	98 401	1 231	226	3 443	5 991	2 455	58 135	1 509	2 463
Veneer and plywood industry	**252**	**82**	**8 597**	**17 289**	**216**	**32**	**456**	**853**	**373**	**9 724**	**256**	**381**
Hardwoods	2 521	52	3 452	7 214	62	9	X	312	128	4 004	78	135
Softwoods	2 522	30	5 144	10 075	155	23	X	541	245	5 720	178	246
Sash, door, and other millwork	**254**	**1 440**	**18 488**	**37 930**	**321**	**26**	**872**	**1 641**	**759**	**22 925**	**437**	**791**
Prefabricated wooden building industry	2 541	87	1 552	3 025	27	3	133	205	67	2 428	49	83
Wooden kitchen cabinet, bathroom vanity industry	2 542	657	6 080	12 599	104	7	189	421	231	7 181	129	230
Wooden door and window ind.	2 543	358	6 308	13 003	111	10	351	634	285	7 899	157	296
Other millwork industries	2 549	338	4 548	9 303	79	7	200	382	176	5 417	102	182
Wooden box and pallet industry	**256**	**201**	**2 216**	**4 496**	**32**	**4**	**85**	**152**	**64**	**2 556**	**40**	**65**
Coffin and casket industry	**258**	**31**	**692**	**1 397**	**11**	**1**	**18**	**39**	**21**	**799**	**14**	**21**
Other wood industries	**259**	**311**	**5 328**	**10 529**	**105**	**32**	**360**	**615**	**223**	**6 287**	**132**	**226**
Wood preservation	2 591	47	1 019	1 987	23	5	111	171	54	1 249	29	56
Particleboard	2 592	19	1 014	1 972	23	11	81	149	57	1 223	31	57
Waferboard	2 593	11	1 003	2 032	25	11	76	130	43	1 199	31	43
Other wood industries	2 599	234	2 292	4 538	33	4	91	165	69	2 616	41	70
Wood industries	**...**	**3 453**	**85 499**	**172 757**	**1 950**	**323**	**5 297**	**9 406**	**3 942**	**101 965**	**2 427**	**3 993**

* Excluding 912 working owners and partners.

** 1980 Standard Industrial Classification.

IV - 3. PAPER AND ALLIED INDUSTRIES, 1983

Sector	S.I.C.**	MANUFACTURING ACTIVITY								TOTAL ACTIVITY		
		Production and related workers								Total employee*		
		Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
				1 000			$000 000				$000 000	
Pulp and paper industries	**271**	**137**	**60 200**	**125 563**	**1 838**	**1 522**	**5 092**	**11 082**	**4 410**	**79 164**	**2 528**	**4 380**
Pulp industry	2 711	36	13 508	27 798	440	363	1 660	3 086	1 005	18 183	627	984
Newsprint industry	2 712	41	30 755	64 198	951	808	2 166	5 290	2 315	39 852	1 290	2 316
Paperboard industry	2 713	27	6 262	12 752	176	188	463	1 061	413	7 737	226	417
Building board industry	2 714	7	800	1 722	18	18	38	84	30	913	21	30
Other paper industries	2 719	26	8 875	19 095	253	147	765	1 561	647	12 479	365	633
Asphalt roofing industry	**272**	**17**	**1 025**	**2 103**	**25**	**8**	**215**	**306**	**89**	**1 424**	**36**	**102**
Paper box and bag industries	**273**	**248**	**14 447**	**29 270**	**313**	**29**	**1 217**	**1 989**	**752**	**18 641**	**435**	**750**
Folding carton and set-up box industry	2 731	107	5 129	10 672	111	7	347	603	255	6 344	146	254
Corrugated box industry	2 732	109	7 822	15 527	172	20	719	1 147	410	10 277	244	409
Paper bag industry	2 733	32	1 496	3 071	30	3	152	239	87	2 020	45	87
Other converted paper products industries	**279**	**270**	**10 703**	**21 839**	**216**	**26**	**943**	**1 634**	**678**	**15 079**	**342**	**709**
Coated and treated paper	2 791	43	2 253	4 562	43	6	214	373	157	3 191	68	160
Stationary paper products	2 792	75	2 623	5 368	51	3	168	322	153	3 926	86	174
Paper consumer products	2 793	15	1 454	2 901	34	4	236	352	116	2 147	57	114
Other converted paper products	2 799	137	4 373	9 009	87	13	325	587	252	5 815	131	261
Paper and allied industries	**...**	**672**	**86 375**	**178 775**	**2 392**	**1 586**	**7 468**	**15 010**	**5 929**	**114 308**	**3 341**	**5 940**

* Excluding 18 working owners and partners.

** 1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 36-204, 36-214, 36-215 and 36-216.

IV - 4. FOREST INDUSTRIES SUMMARY*, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees**		
			Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added		Salaries and wages	Total value added
		Number	1 000	$000 000					Number	$000 000	
1965	7 363	216 375	475 944	1 046	215	2 855	5 555	2 530	262 469	1 349	2 581
1970	6 618	210 718	453 306	1 475	279	3 990	7 502	3 254	261 139	1 942	3 313
1971	6 247	208 632	445 919	1 592	318	4 220	7 978	3 461	258 839	2 090	3 519
1972	6 537	219 284	467 590	1 810	347	4 853	9 372	4 139	271 010	2 364	4 213
1973	6 844	237 514	500 889	2 155	398	6 163	11 821	5 475	292 324	2 793	5 562
1974	7 014	239 726	505 789	2 511	570	7 283	14 401	6 817	297 386	3 281	6 937
1975	6 330	222 915	446 718	2 489	562	6 574	13 110	6 151	278 681	3 336	6 286
1976	5 679	230 527	475 417	3 118	748	8 191	15 961	7 281	286 263	4 064	7 428
1977	5 320	229 348	471 405	3 455	901	8 912	17 888	8 130	282 568	4 482	8 234
1978	5 906	243 312	503 793	3 944	1 077	10 491	21 109	9 610	299 540	5 076	9 762
1979	6 784	249 993	517 679	4 416	1 244	12 964	25 317	11 520	307 580	5 680	11 830
1980	7 368	243 736	503 124	4 750	1 411	14 247	27 459	12 063	301 987	6 180	12 285
1981	7 428	233 790	473 013	5 011	1 703	14 841	28 601	12 180	291 996	6 624	12 295
1982	7 100	201 420	399 323	4 667	1 886	13 252	25 424	10 147	254 875	6 315	10 234
1983	7 633	211 645	431 978	5 355	2 109	15 370	29 332	11 982	262 216	6 987	12 091

* Logging, wood, industries, and paper and allied industries.
** Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

VALUE OF SHIPMENTS AND TOTAL VALUE ADDED

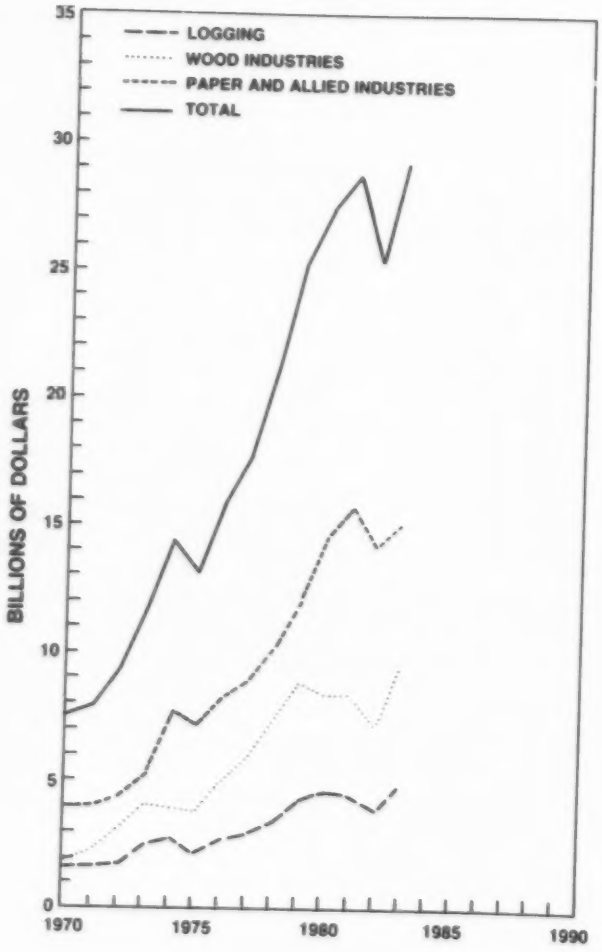

FIGURE 20. VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE IN THE FOREST INDUSTRIES BY SECTOR, 1970-1983.

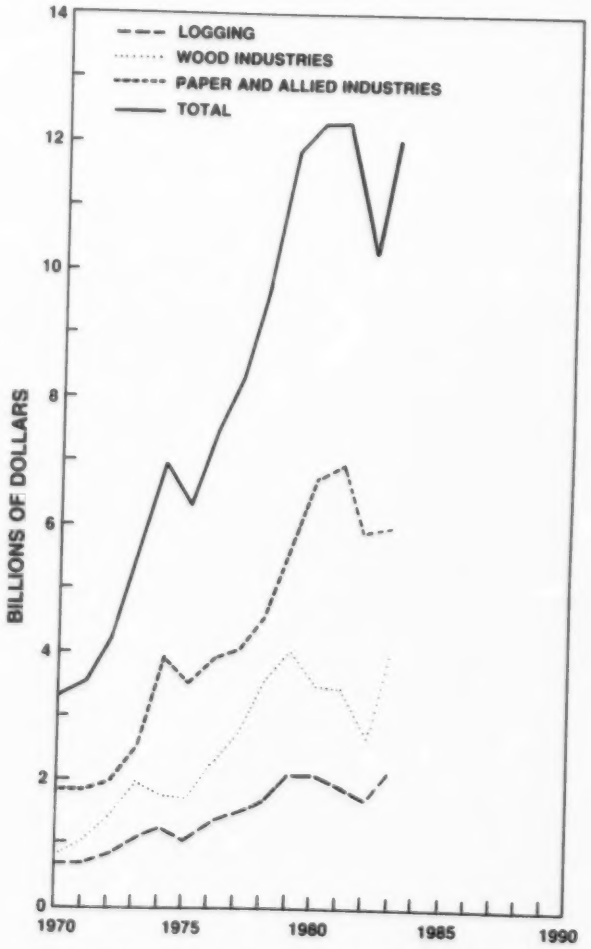

FIGURE 21. TOTAL VALUE ADDED IN THE FOREST INDUSTRIES BY SECTOR, 1970-1983.

SOURCE: STATISTICS CANADA. CAT. 25-201. 25-202.

IV - 5. FOREST INDUSTRIES SUMMARY BY PROVINCE, 1983

Province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Nfld.	138	x	x	x	x	x	x	x	x	x	x
P.E.I.	34	121	247	2	--	5	8	3	148	2	3
N.S.	347	4 686	9 177	90	55	260	521	214	5 946	125	211
N.B.	406	10 258	20 378	219	158	710	1 302	438	12 704	288	450
Que.	2 024	61 420	126 667	1 408	687	3 996	7 969	3 295	78 077	1 881	3 324
Ont.	1 593	54 261	112 410	1 273	476	3 924	7 408	3 028	68 389	1 720	3 065
Man.	167	3 487	7 144	70	23	213	393	152	4 315	93	152
Sask.	141	x	x	x	x	x	x	x	x	65	x
Alta.	351	6 619	13 500	167	38	520	974	416	8 403	222	433
B.C.	2 430	65 327	131 433	1 988	600	5 400	10 086	4 201	77 688	2 481	4 215
Yukon and N.W.T.	2	x	x	x	x	x	x	x	x	x	x
Total	**7 633**	**211 645**	**431 978**	**5 355**	**2 109**	**15 370**	**29 332**	**11 982**	**262 216**	**6 987**	**12 091**

* Excluding 2478 working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

IV - 6. LOGGING BY PROVINCE, 1983

Province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	000 000 $						000 000 $	
Nfld.	51	1 134	1 990	21	4	34	87	39	1 328	27	39
P.E.I.	8	9	15	--	--	--	--	--	9	--	--
N.S.	185	1 009	1 642	14	4	66	96	25	1 190	18	24
N.B.	243	3 364	6 208	60	13	159	296	128	4 051	76	128
Atlantic provinces	487	5 516	9 855	95	21	259	479	192	6 578	121	191
Que.	704	8 321	16 055	185	37	452	850	350	9 881	231	357
Ont.	472	6 568	13 468	186	39	399	794	354	7 826	228	356
Man.	38	345	729	8	1	24	41	14	446	11	14
Sask.	79	449	1 034	11	4	36	68	30	560	15	33
Alta.	102	616	1 296	15	4	54	91	33	746	20	33
Prairies	219	1 410	3 059	34	9	114	200	76	1 752	46	80
B.C.	1 626	17 956	38 010	514	94	1 382	2 592	1 139	19 906	593	1 174
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**3 508**	**39 771**	**80 446**	**1 013**	**200**	**2 605**	**4 915**	**2 111**	**45 943**	**1 219**	**2 158**

* Excluding 1548 working owners and partners.

Source: Statistics Canada Cat. No. 25-201.

IV - 7. WOOD INDUSTRIES BY PROVINCE, 1983

Province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees*: Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
Nfld.	78	332	690	5	1	15	25	9	380	6	9
P.E.I.	26	112	232	2	--	5	8	3	139	2	3
N.S.	148	1 575	3 056	21	5	58	105	45	1 879	27	47
N.B.	147	3 122	6 281	48	10	146	251	95	3 510	57	96
Atlantic provinces	399	5 141	10 259	76	16	224	389	152	5 908	92	155
Que.	1 113	22 128	46 363	380	78	1 114	2 057	877	27 367	494	887
Ont.	820	16 518	34 112	298	55	849	1 572	681	19 562	381	699
Man.	100	1 701	3 392	28	2	72	134	59	2 010	36	59
Sask.	57	x	x	x	x	x	x	x	x	30	x
Alta.	220	4 322	8 737	101	18	272	502	218	5 418	132	235
Prairies	377	6 023	12 129	129	20	344	636	277	7 428	198	294
B.C.	742	34 588	67 742	1 044	149	2 704	4 642	1 912	40 392	1 261	1 914
Yukon and N.W.T.	2	x	x	x	x	x	x	x	x	x	x
Total	**3 453**	**85 499**	**172 757**	**1 950**	**323**	**5 297**	**9 406**	**3 942**	**101 965**	**2 427**	**3 993**

* Excluding 912 working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 8. PAPER AND ALLIED INDUSTRIES BY PROVINCE, 1983

Province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
Nfld.	9	x	x	x	x	x	x	x	x	x	x
P.E.I.	-	-	-	-	-	-	-	-	-	-	-
N.S.	14	2 102	4 479	55	46	136	320	144	2 877	80	140
N.B.	16	3 772	7 889	111	135	405	755	215	5 143	155	226
Que.	207	30 971	64 249	843	572	2 430	5 062	2 068	40 829	1 156	2 080
Ont.	301	31 175	64 830	789	382	2 676	5 042	1 993	41 001	1 111	2 010
Man.	29	1 441	3 023	34	20	117	218	79	1 859	46	79
Sask.	5	x	x	x	x	x	x	x	x	20	x
Alta.	29	1 681	3 467	51	16	194	381	165	2 239	70	165
B.C.	62	12 783	25 681	430	357	1 314	2 852	1 150	17 390	627	1 127
Total	**672**	**86 375**	**178 775**	**2 392**	**1 586**	**7 468**	**15 011**	**5 929**	**114 308**	**3 341**	**5 940**

* Excluding 18 working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 9. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1983

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees*: Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
A. Sawmill, planing mill, and shingle mill industries (S.I.C. 251)											
Nfld.	57	207	433	3	--	5	10	5	232	3	5
N.S.	97	1 069	2 009	13	4	28	55	25	1 238	16	25
N.B.	89	2 101	4 247	32	7	100	167	62	2 300	37	62
Que.	399	11 727	25 286	217	57	616	1 175	508	15 110	285	511
Ont.	228	5 461	11 186	107	26	348	598	228	6 433	132	234
Man.	18	291	505	5	1	16	25	6	350	7	6
Sask.	11	419	808	11	2	28	50	21	492	13	21
Alta.	51	2 113	4 266	54	11	130	244	111	2 392	63	112
Prairies	80	2 823	5 579	70	14	174	319	138	3 234	83	139
B.C.	420	26 634	52 075	820	121	2 232	3 775	1 532	30 898	986	1 531
Others	18	157	300	2	-	4	7	4	229	6	2
Total	**1 388**	**50 179**	**101 115**	**1 264**	**228**	**3 507**	**6 106**	**2 502**	**59 674**	**1 548**	**2 509**
B. Shingle and shake industry (S.I.C. 2511)											
Quebec	12	204	433	3	--	3	8	5	237	3	5
B.C.	76	1 115	2 095	29	2	59	102	39	1 198	34	39
Others	10	98	186	1	--	2	5	3	104	2	2
Total	**98**	**1 417**	**2 714**	**33**	**2**	**64**	**115**	**47**	**1 539**	**39**	**46**

IV - 9. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
C. Sawmill and planing mill products industry (S.I.C. 2512)											
Nfld.	57	207	433	3	--	5	10	5	232	3	5
N.S.	96	1 069	2 009	13	4	28	55	25	1 238	16	25
N.B.	80	2 101	4 247	32	7	100	167	62	2 300	37	62
Que.	387	11 523	24 853	214	57	613	1 167	503	14 873	282	506
Ont.	228	5 461	11 186	107	26	348	598	228	6 433	132	234
Man.	18	291	505	5	1	16	25	6	350	7	6
Sask.	11	419	808	11	2	28	50	21	492	13	21
Alta.	51	2 113	4 266	54	11	130	244	111	2 392	63	112
Prairies	80	2 823	5 579	70	14	174	319	138	3 234	83	139
B.C.	344	25 519	49 980	791	119	2 173	3 673	1 493	29 700	952	1 492
Others	18	59	114	1	-	2	2	1	125	4	-
Total	**1 290**	**48 762**	**98 401**	**1 231**	**226**	**3 443**	**5 991**	**2 455**	**58 135**	**1 509**	**2 463**
D. Veneer and plywood industries (S.I.C. 252)											
Que.	26	1 530	3 289	25	4	106	169	59	1 796	33	63
Ont.	23	1 782	3 621	30	5	60	126	63	2 046	38	66
B.C.	24	4 717	9 214	147	20	259	493	220	5 229	169	221
Others	9	568	1 165	14	3	31	65	31	653	16	31
Total	**82**	**8 597**	**17 289**	**216**	**32**	**456**	**853**	**373**	**9 724**	**256**	**381**

IV - 9. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees*: Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
E. Sash, door, and other millwork industries (S.I.C. 254)											
N.S.	31	227	475	4	X	14	21	8	294	6	9
N.B.	36	445	880	7	X	22	39	17	538	10	17
Que.	512	6 179	12 498	95	9	271	491	216	7 327	121	219
Ont.	375	5 839	12 318	98	7	254	516	261	7 078	134	266
Man.	67	1 251	2 566	19	--	46	96	50	1 479	26	50
Sask.	37	249	499	4	X	12	23	11	318	6	11
Alta.	133	1 474	2 973	29	3	95	166	67	2 162	48	84
Prairies	237	2 974	6 038	52	3	153	285	128	3 959	80	145
B.C.	228	2 453	4 936	57	3	140	260	118	3 242	79	122
Others	21	371	785	8	4	18	29	11	487	7	13
Total	**1 440**	**18 488**	**37 930**	**321**	**26**	**872**	**1 641**	**759**	**22 925**	**437**	**791**
F. Prefabricated wooden building industry (S.I.C. 2541)											
N.S.	6	117	242	2	--	8	12	5	153	3	5
Que.	34	523	1 011	8	1	35	57	21	652	10	21
Ont.	10	219	451	3	--	24	39	15	347	7	14
Man.	6	16	34	--	--	1	1	--	28	1	--
Alta.	11	383	748	8	1	45	60	13	742	18	28
B.C.	16	185	311	4	--	15	27	10	366	9	10
Others	4	109	228	2	1	5	9	3	140	1	5
Total	**87**	**1 552**	**3 025**	**27**	**3**	**133**	**205**	**67**	**2 428**	**49**	**83**

IV - 9. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
G. Wooden kitchen cabinet and bathroom vanity industries (S.I.C. (2542)											
Nfld.	12	35	72	--	--	1	1	1	35	--	1
N.B.	11	95	199	1	--	4	7	3	108	2	3
Que.	213	1 953	3 961	29	2	57	110	53	2 161	33	53
Ont.	195	2 076	4 422	35	2	65	151	84	2 460	44	84
Man.	37	516	1 057	8	--	13	31	18	593	10	18
Sask.	22	85	171	1	--	2	4	2	93	1	2
Alta.	58	462	958	9	1	15	41	25	593	12	25
Prairies	117	1 063	2 186	18	1	31	76	45	1 279	23	45
B.C.	102	835	1 711	18	1	32	75	44	1 112	25	44
Others	7	23	48	3	1	-	1	1	26	2	-
Total	**657**	**6 080**	**12 599**	**104**	**7**	**189**	**421**	**231**	**7 181**	**129**	**230**
H. Wooden door and window industry (S.I.C. 2543)											
N.B.	16	282	538	5	--	16	28	12	356	7	12
Que.	169	2 320	4 809	37	4	121	211	89	2 876	51	92
Ont.	76	1 946	4 062	34	3	105	206	103	2 405	50	107
Man.	11	520	1 081	8	--	24	49	25	612	11	25
Sask.	4	56	113	1	--	5	10	5	94	2	5
Alta.	23	256	517	5	--	15	29	14	358	8	16
Prairies	38	832	1 711	14	--	44	88	44	1 064	21	46
B.C.	46	741	1 483	18	1	54	84	30	933	24	32
Others	13	187	400	3	2	11	17	7	265	4	7
Total	**358**	**6 308**	**13 003**	**111**	**10**	**351**	**634**	**285**	**7 899**	**157**	**296**

IV - 9. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
I. Other millwork industries (S.I.C. 2549)											
N.S.	9	110	233	2	--	6	9	3	141	3	4
N.B.	8	68	143	1	--	2	4	2	74	1	2
Que.	96	1 383	2 717	21	2	58	113	53	1 638	27	53
Ont.	94	1 598	3 383	26	2	60	120	59	1 866	33	61
Man.	13	199	394	3	--	8	15	7	246	4	7
Sask.	10	108	215	2	--	5	9	4	131	3	4
Alta.	41	373	750	7	1	20	36	15	469	10	15
Prairies	64	680	1 359	12	1	33	60	26	846	17	26
B.C.	64	692	1 431	17	1	39	74	34	831	21	36
Others	3	17	37	-	1	2	2	-	21	-	-
Total	**338**	**4 548**	**9 303**	**79**	**7**	**200**	**382**	**176**	**5 417**	**102**	**182**
J. Wooden box and pallet industry (S.I.C. 256)											
N.S.	7	69	135	1	--	2	3	1	74	1	1
N.B.	8	56	106	X	--	1	3	1	58	1	1
Que.	68	616	1 197	8	1	19	35	16	708	10	16
Ont.	91	1 187	2 466	17	2	47	85	36	1 374	21	36
Man.	5	79	166	1	--	3	5	2	86	1	2
Alta.	5	72	149	1	--	4	6	2	84	2	2
B.C.	13	132	271	3	--	8	14	6	167	4	6
Others	4	5	6	1	--	1	1	-	5	-	1
Total	**201**	**2 216**	**4 496**	**32**	**4**	**85**	**152**	**64**	**2 556**	**40**	**65**

IV - 9. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1983 (CONCLUDED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
K. Coffin and casket industry (S.I.C. 258)											
Que.	12	424	879	7	--	11	26	14	495	9	14
Ont.	6	146	274	2	--	3	7	4	167	3	4
Alta.	4	40	81	1	--	1	2	1	45	1	1
B.C.	4	26	47	X	--	1	2	1	28	--	1
Others	5	56	116	1	--	2	2	1	64	1	1
Total	**31**	**692**	**1 397**	**11**	**1**	**18**	**39**	**21**	**799**	**14**	**21**
L. Other wood industries (S.I.C. 259)											
Que.	96	1 652	3 215	27	7	89	160	64	1 931	35	64
Ont.	97	2 103	4 244	43	14	138	242	90	2 464	53	93
Others	118	1 573	3 070	35	11	133	213	69	1 892	44	69
Total	**311**	**5 328**	**10 529**	**105**	**32**	**360**	**615**	**223**	**6 287**	**132**	**226**

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202, 35-204, 35-205, 35-206, 35-208, 35-209 and 35-210.

IV - 10. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1983

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
A. Pulp and paper industries (S.I.C. 271)											
N.S.	5	1 722	3 720	48	43	112	268	118	2 337	69	114
N.B.	10	3 572	7 489	107	135	385	724	205	4 879	149	216
Que.	53	23 291	48 826	682	552	1 763	3 957	1 643	30 663	926	1 639
Ont.	34	16 148	34 090	477	350	1 322	2 818	1 137	20 708	644	1 134
B.C.	24	11 602	23 305	397	354	1 175	2 615	1 054	15 765	579	1 028
Others	11	3 865	8 133	127	88	335	700	253	4 812	161	249
Total	**137**	**60 200**	**125 563**	**1 838**	**1 522**	**5 092**	**11 082**	**4 410**	**79 164**	**2 528**	**4 380**
B. Pulp industry (S.I.C. 2711)											
N.B.	5	1 782	3 776	55	66	245	407	94	2 531	82	102
Que.	6	1 600	3 467	53	43	249	438	141	2 160	74	132
Ont.	5	2 959	6 242	90	62	319	539	152	3 768	119	152
B.C.	16	5 614	11 193	189	163	661	1 349	486	7 652	279	471
Others	4	1 553	3 120	53	29	186	353	132	2 072	73	127
Total	**36**	**13 508**	**27 798**	**440**	**363**	**1 660**	**3 086**	**1 005**	**18 183**	**627**	**984**

IV - 10. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
C. Newsprint Industry (S.I.C. 2712)											
Que.	20	14 583	30 501	441	366	944	2 372	1 062	18 596	583	1 071
Ont.	9	7 018	14 574	210	161	513	1 191	517	9 214	298	518
B.C.	4	4 639	9 343	161	147	388	976	445	6 238	230	436
Others	8	4 515	9 780	139	134	321	751	291	5 804	179	291
Total	**41**	**30 755**	**64 198**	**951**	**808**	**2 166**	**5 290**	**2 315**	**39 852**	**1 290**	**2 316**
D. Paperboard Industry (S.I.C. 2713)											
Que.	11	2 572	5 183	70	70	208	431	155	3 268	92	159
Ont.	10	2 263	4 657	61	60	146	376	171	2 725	76	171
Others	6	1 427	2 912	45	58	109	254	87	1 744	58	87
Total	**27**	**6 262**	**12 752**	**176**	**188**	**463**	**1 061**	**413**	**7 737**	**226**	**417**

IV - 10. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
E. Asphalt roofing industry (S.I.C. 272)											
Que.	4	380	766	10	3	64	99	32	606	16	42
Ont.	5	327	670	7	3	84	112	28	385	8	29
Alta.	3	198	418	5	1	38	57	20	263	7	23
Others	5	120	249	3	1	29	38	9	170	5	8
Total	**17**	**1 025**	**2 103**	**25**	**8**	**215**	**306**	**89**	**1 424**	**36**	**102**
F. Paper box and bag industries (S.I.C. 273)											
Que.	66	4 482	8 968	97	9	359	583	218	5 828	135	218
Ont.	130	7 521	15 352	158	14	618	997	372	9 608	220	371
Alta.	10	332	660	7	1	34	57	22	429	10	22
B.C.	9	671	1 351	19	2	81	140	58	921	28	58
Others	33	1 441	2 939	32	4	126	212	82	1 855	42	81
Total	**248**	**14 447**	**29 270**	**313**	**29**	**1 217**	**1 989**	**752**	**18 641**	**435**	**750**

IV - 10. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
G. Folding carton and set-up box industry (S.I.C. 2731)											
Que.	31	1 652	3 371	37	2	105	184	78	2 038	48	77
Ont.	60	3 026	6 401	64	4	209	361	153	3 740	85	152
Others	16	451	900	10	1	33	58	24	566	13	25
Total	**107**	**5 129**	**10 672**	**111**	**7**	**347**	**603**	**255**	**6 344**	**146**	**254**
H. Corrugated box industry (S.I.C. 2732)											
Que.	24	2 203	4 283	47	6	189	299	105	2 978	69	105
Ont.	59	4 098	8 177	87	9	372	578	198	5 283	122	197
Alta.	10	332	660	7	1	34	57	22	429	10	22
B.C.	6	551	1 101	16	2	67	118	50	767	24	50
Others	10	638	1 306	15	2	57	95	35	820	19	35
Total	**109**	**7 822**	**15 527**	**172**	**20**	**719**	**1 147**	**410**	**10 277**	**244**	**409**

IV - 10. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1983 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
I. Paper bag industry (S.I.C. 2733)											
Que.	11	627	1 314	13	1	65	100	35	812	18	36
Ont.	11	397	774	7	1	37	58	21	585	13	22
B.C.	3	120	250	3	--	14	22	8	154	4	8
Yukon and N.W.T.	7	352	733	7	1	36	59	23	469	10	21
Total	**32**	**1 496**	**3 071**	**30**	**3**	**152**	**239**	**87**	**2 020**	**45**	**87**
J. Other converted paper products industries (S.I.C. 279)											
Que.	84	2 818	5 689	55	7	243	422	175	3 732	80	182
Ont.	132	7 179	14 721	147	16	653	1 115	455	10 300	238	477
Man.	10	125	253	2	--	6	13	6	205	5	6
Alta.	10	112	226	2	--	9	16	7	167	4	7
B.C.	23	244	484	6	--	21	39	18	356	9	20
Others	11	225	466	4	3	11	29	17	319	6	17
Total	**270**	**10 703**	**21 839**	**216**	**26**	**943**	**1 634**	**678**	**15 079**	**342**	**709**

IV - 10. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1983 (CONCLUDED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
K. Stationery paper products industry (S.I.C. 2792)											
Que.	19	630	1 290	12	1	39	69	30	913	20	36
Ont.	35	1 702	3 483	32	2	109	211	102	2 536	53	115
Man.	7	98	199	2	--	5	10	5	172	4	5
B.C.	8	134	274	3	--	11	22	11	208	5	13
Yukon and N.W.T.	6	59	122	2	-	4	10	5	97	4	5
Total	**75**	**2 623**	**5 368**	**51**	**3**	**168**	**322**	**153**	**3 926**	**86**	**174**

* Excluding working owners and partners.

Source: Statistics Canada Cat. Nos. 25-202, 36-204, 36-215 and 36-216.

IV - 11. LOGGING BY YEAR, 1960-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	..	..	..	..	..	..	806	..	..	375	..
1965	2 556	53 992	122 571	274	27	651	1 185	528	60 701	316	547
1970	2 653	44 814	100 235	345	29	898	1 620	683	52 230	412	694
1971	2 441	40 126	88 740	344	30	901	1 630	686	47 284	413	698
1972	2 798	40 363	89 599	382	37	995	1 873	814	47 553	458	829
1973	3 132	49 573	105 182	513	50	1 446	2 494	1 089	57 586	606	1 109
1974	3 253	50 733	108 321	601	68	1 585	2 733	1 221	59 491	717	1 244
1975	2 745	45 533	97 662	588	64	1 129	2 175	1 098	53 622	712	1 126
1976	2 315	42 185	83 917	639	71	1 383	2 733	1 300	49 878	773	1 348
1977	2 131	41 804	83 192	693	74	1 513	2 998	1 400	49 445	844	1 440
1978	2 279	45 939	91 544	808	85	1 828	3 435	1 564	53 753	973	1 647
1979	2 844	48 301	96 238	927	101	2 383	4 222	1 822	56 614	1 115	2 053
1980	3 241	45 826	90 653	965	121	2 597	4 559	1 927	54 370	1 179	2 049
1981	3 276	39 971	78 283	944	159	2 444	4 430	1 857	48 402	1 192	1 883
1982	3 081	32 770	62 413	798	179	2 098	3 995	1 616	40 156	1 032	1 650
1983	3 508	39 771	80 446	1 013	200	2 605	4 915	2 111	45 943	1 219	2 158

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201.

IV - 12. WOOD INDUSTRIES BY YEAR, 1960-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	5 730	69 101	..	222	18	561	1 007	..	82 734	278	432
1965	4 206	78 389	169 301	322	30	818	1 488	655	91 588	399	669
1970	3 330	75 225	157 535	446	36	1 139	1 951	790	87 829	552	802
1971	3 164	78 420	165 368	517	44	1 296	2 347	1 003	91 846	638	1 017
1972	3 085	87 733	182 598	623	53	1 647	3 085	1 397	102 699	771	1 422
1973	3 063	94 818	197 824	756	64	2 181	4 056	1 947	111 600	939	1 977
1974	3 111	89 297	186 506	823	75	2 242	3 991	1 708	106 620	1 038	1 748
1975	2 920	81 588	167 763	846	79	2 098	3 803	1 655	97 717	1 071	1 690
1976	2 703	90 007	187 880	1 098	105	2 770	4 999	2 207	106 178	1 353	2 236
1977	2 542	92 300	192 273	1 272	130	3 161	5 952	2 726	108 660	1 558	2 762
1978	2 928	100 491	209 594	1 482	159	3 916	7 477	3 507	119 004	1 821	3 550
1979	3 208	103 025	216 455	1 687	183	4 927	8 808	3 965	122 048	2 074	4 021
1980	3 363	98 839	207 679	1 798	205	4 865	8 397	3 398	117 307	2 217	3 466
1981	3 394	94 328	189 205	1 824	245	4 802	8 442	3 379	112 570	2 286	3 447
1982	3 345	80 726	155 324	1 653	273	4 095	7 168	2 662	97 050	2 102	2 708
1983	3 453	85 499	172 757	1 950	323	5 297	9 406	3 942	101 965	2 427	3 993

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 13. PAPER AND ALLIED INDUSTRIES BY YEAR, 1960-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	565	76 040	..	339	116	979	2 126	..	95 281	458	1 034
1965	601	83 994	184 072	450	158	1 386	2 882	1 347	110 180	634	1 365
1970	635	90 679	195 536	684	214	1 953	3 931	1 781	121 080	978	1 817
1971	642	90 086	191 811	731	244	2 023	4 001	1 772	119 709	1 039	1 804
1972	654	91 188	195 393	805	257	2 211	4 414	1 928	120 758	1 135	1 962
1973	649	93 123	197 883	886	284	2 536	5 271	2 439	123 138	1 248	2 476
1974	650	99 696	210 962	1 087	427	3 456	7 677	3 888	131 275	1 526	3 945
1975	665	95 794	181 293	1 055	419	3 347	7 132	3 398	127 342	1 553	3 470
1976	661	98 335	203 620	1 381	572	4 038	8 229	3 774	130 207	1 938	3 844
1977	647	94 244	195 940	1 490	697	4 238	8 938	4 004	124 463	2 080	4 032
1978	699	96 882	202 655	1 654	833	4 747	10 197	4 539	126 783	2 282	4 565
1979	732	98 667	204 986	1 802	960	5 654	12 287	5 733	128 918	2 491	5 756
1980	764	99 071	204 792	1 987	1 085	6 785	14 503	6 737	130 310	2 784	6 770
1981	758	99 491	205 525	2 243	1 299	7 595	15 729	6 944	131 024	3 146	6 965
1982	674	87 924	181 586	2 216	1 434	7 059	14 261	5 869	117 669	3 180	5 876
1983	672	86 375	178 775	2 392	1 586	7 468	15 011	5 929	114 308	3 341	5 940

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 14. SAWMILL, PLANING MILL, AND SHINGLE MILL INDUSTRIES (S.I.C. 251) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	2 559	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 854	43 914	92 625	273	24	705	1 168	450	50 226	326	453
1971	1 705	45 702	96 322	318	29	811	1 440	593	52 650	381	596
1972	1 639	51 076	106 058	385	36	1 030	1 949	894	58 909	464	898
1973	1 593	55 396	115 366	471	44	1 397	2 627	1 306	64 359	572	1 311
1974	1 609	50 615	106 377	506	50	1 341	2 380	999	59 886	623	1 005
1975	1 437	42 291	87 840	482	52	1 141	2 060	883	50 765	599	885
1976	1 282	49 528	104 249	667	70	1 647	2 969	1 309	58 221	802	1 314
1977	1 203	53 169	111 169	803	89	1 986	3 787	1 772	62 199	961	1 776
1978	1 310	58 130	122 002	944	109	2 513	4 848	2 324	68 616	1 139	2 328
1979	1 424	59 294	125 894	1 081	126	3 267	5 831	2 670	70 314	1 312	2 677
1980	1 441	57 800	122 469	1 173	143	3 205	5 430	2 150	68 312	1 423	2 155
1981	1 432	54 499	108 526	1 147	169	2 998	5 098	1 882	64 486	1 413	1 883
1982	1 338	46 295	89 306	1 055	190	2 672	4 501	1 535	55 119	1 319	1 540
1983	1 388	50 179	101 115	1 264	228	3 507	6 106	2 502	59 674	1 548	2 509

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204.

IV - 15. SHINGLE AND SHAKE INDUSTRY (S.I.C. 2511) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	64	1 422	2 793	8	--	15	25	10	1 527	9	11
1970	82	1 374	2 697	11	--	18	32	14	1 450	12	14
1971	74	1 595	3 173	14	1	22	44	22	1 687	15	22
1972	72	1 689	3 244	15	1	26	56	29	1 798	16	29
1973	74	1 753	3 415	17	1	37	68	31	1 883	18	31
1974	79	1 421	2 841	16	1	26	50	23	1 540	18	23
1975	69	1 503	2 942	20	1	28	63	34	1 609	21	34
1976	69	1 690	3 359	25	1	44	90	47	1 813	27	47
1977	71	1 637	3 319	29	2	61	115	53	1 754	31	53
1978	84	2 029	4 272	37	2	87	154	68	2 159	41	68
1979	116	1 853	3 887	40	2	92	155	60	1 986	44	60
1980	124	1 897	3 708	41	2	83	152	66	2 034	44	66
1981	119	1 583	3 117	37	2	69	125	54	1 712	40	56
1982	108	1 302	2 401	29	3	46	87	39	1 421	33	41
1983	98	1 417	2 714	33	2	64	115	47	1 539	39	46

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204.

IV - 16. SAWMILL AND PLANING MILL INDUSTRY (S.I.C. 2512) BY YEAR, 1960-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	3 719	36 714	..	120	10	296	530	225	..	..	..
1965	2 559	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 772	42 540	89 928	262	24	687	1 135	436	48 776	314	439
1971	1 631	44 107	93 150	305	28	789	1 396	572	50 963	366	574
1972	1 567	49 387	102 814	370	35	1 004	1 894	865	57 111	448	869
1973	1 519	53 643	111 951	455	43	1 360	2 559	1 275	62 476	554	1 280
1974	1 530	49 194	103 535	490	49	1 315	2 330	976	58 346	605	983
1975	1 368	40 788	84 899	462	51	1 113	1 997	849	49 156	578	851
1976	1 213	47 838	100 890	642	69	1 604	2 878	1 262	56 408	774	1 268
1977	1 132	51 532	107 850	775	88	1 925	3 673	1 719	60 445	930	1 723
1978	1 226	56 101	117 730	906	107	2 426	4 694	2 257	66 457	1 098	2 260
1979	1 308	57 441	122 007	1 042	124	3 176	5 676	2 610	68 328	1 268	2 617
1980	1 317	55 903	118 761	1 132	141	3 122	5 278	2 085	66 278	1 379	2 089
1981	1 313	52 916	105 409	1 110	166	2 929	4 973	1 828	62 774	1 373	1 827
1982	1 230	44 878	86 592	1 027	188	2 608	4 387	1 489	53 698	1 286	1 494
1983	1 290	48 762	98 401	1 231	226	3 443	5 991	2 455	58 135	1 509	2 463

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204.

IV - 17. VENEER AND PLYWOOD INDUSTRIES (S.I.C. 252) BY YEAR, 1960-1983

Year	Estab-lishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	76	9 856	..	35	3	76	138	61	..	..	..
1965	83	12 826	27 455	55	4	120	222	101	14 265	65	102
1970	90	10 973	21 616	68	5	152	262	104	12 259	80	106
1971	88	11 363	23 360	80	6	165	312	139	12 650	93	142
1972	84	12 213	24 788	92	7	202	393	182	13 664	108	187
1973	86	13 082	26 599	110	8	255	487	226	14 478	127	232
1974	82	11 863	23 562	112	9	262	463	198	13 291	133	206
1975	83	11 367	21 346	119	10	248	458	200	12 732	141	204
1976	81	11 635	23 179	147	13	311	584	266	13 003	171	270
1977	83	12 301	24 917	174	17	351	647	283	13 695	202	285
1978	86	12 555	25 319	192	20	423	844	402	14 067	222	406
1979	83	12 212	24 470	203	21	498	888	380	13 618	236	391
1980	84	10 990	22 453	206	23	483	840	333	12 363	243	345
1981	77	9 920	18 845	197	26	466	841	351	11 323	238	357
1982	82	9 084	15 772	185	27	360	645	248	10 344	225	254
1983	82	8 597	17 289	216	32	456	853	373	9 724	256	381

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-206.

IV - 18. SASH, DOOR, AND OTHER MILLWORK INDUSTRIES (S.I.C. 254) BY YEAR, 1960-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	1 397	13 267	..	40	4	134	227	88	..	..	..
1965	1 007	11 108	24 868	41	3	115	209	93	14 122	58	99
1970	908	12 040	25 610	63	3	190	339	146	15 432	91	152
1971	902	12 933	27 820	73	4	223	396	172	16 494	105	180
1972	910	15 594	33 009	94	5	298	509	209	19 547	131	224
1973	943	17 078	36 298	115	6	389	658	274	21 675	163	291
1974	958	17 230	36 462	135	8	462	801	343	22 214	193	365
1975	944	18 409	38 629	165	8	519	928	405	23 083	229	433
1976	925	19 622	41 132	199	10	618	1 073	460	24 224	271	476
1977	891	18 169	38 025	200	11	607	1 079	468	22 641	275	495
1978	1 110	20 525	42 952	240	13	718	1 267	538	25 468	326	573
1979	1 228	21 067	44 175	268	15	818	1 438	618	25 972	360	652
1980	1 316	19 994	41 665	275	16	790	1 425	621	24 866	372	668
1981	1 358	20 447	42 183	321	21	905	1 701	795	25 559	436	852
1982	1 390	16 816	33 698	272	23	685	1 319	588	21 294	377	619
1983	1 440	18 488	37 930	321	26	872	1 641	759	22 925	437	791

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-205.

IV - 19. WOODEN BOX AND PALLET INDUSTRY (S.I.C. 256) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	160	2 642	5 824	9	1	15	35	19	3 028	11	19
1970	162	2 668	5 668	13	1	25	54	28	3 115	17	28
1971	162	2 666	5 615	14	1	26	55	28	3 109	18	28
1972	157	2 747	5 828	15	1	31	62	30	3 218	19	30
1973	162	2 913	6 176	18	1	40	79	38	3 449	23	38
1974	177	3 192	6 828	22	1	57	105	47	3 731	28	47
1975	179	3 233	6 846	26	1	57	110	52	3 752	33	52
1976	166	2 938	6 216	26	2	57	111	53	3 430	33	53
1977	150	2 869	6 028	30	2	66	134	67	3 347	40	67
1978	161	2 940	6 112	30	2	77	139	61	3 470	39	61
1979	189	3 396	7 099	42	2	104	187	81	3 938	51	81
1980	192	3 017	6 310	38	2	102	189	85	3 547	48	85
1981	191	2 874	5 986	43	3	110	207	93	3 407	55	93
1982	208	2 741	5 662	41	4	97	188	87	3 274	52	88
1983	201	2 216	4 496	32	4	85	152	64	2 556	40	65

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 20. COFFIN AND CASKET INDUSTRY (S.I.C. 258) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	56	1 152	2 595	4	--	6	14	8	1 438	5	8
1970	45	1 006	2 194	5	--	7	17	10	1 260	7	10
1971	45	983	2 172	5	--	7	18	10	1 217	7	10
1972	43	973	2 113	5	--	8	18	10	1 202	7	10
1973	42	982	2 088	6	--	10	21	11	1 180	8	11
1974	43	1 000	2 051	6	--	13	25	13	1 230	9	13
1975	40	952	1 990	7	--	11	25	14	1 120	9	14
1976	38	837	1 803	7	--	10	23	12	965	8	13
1977	29	743	1 599	7	--	10	23	13	860	8	13
1978	31	721	1 507	7	--	13	27	15	846	9	15
1979	32	660	1 393	7	--	13	29	15	776	9	16
1980	38	707	1 488	9	1	15	32	16	828	11	17
1981	34	616	1 311	9	1	15	33	18	736	11	18
1982	33	643	1 340	10	1	17	36	19	741	12	19
1983	31	692	1 397	11	1	18	39	21	799	14	21

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 21. OTHER WOOD INDUSTRIES (S.I.C. 259) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	277	4 762	10 276	17	2	45	86	40	5 796	23	41
1970	271	4 624	9 821	24	3	59	112	52	5 537	31	53
1971	260	4 773	10 079	27	3	64	126	60	5 726	35	61
1972	252	5 130	10 803	32	4	77	153	72	6 159	41	73
1973	237	5 367	11 298	36	5	90	184	91	6 459	47	93
1974	242	5 397	11 226	42	6	109	217	108	6 268	52	110
1975	237	5 336	11 112	48	7	121	222	100	6 265	59	101
1976	211	5 447	11 308	54	10	127	239	106	6 335	67	110
1977	186	5 049	10 536	57	11	142	282	124	5 918	72	126
1978	230	5 620	11 703	69	14	173	351	166	6 537	85	167
1979	252	6 396	13 424	86	18	226	436	201	7 430	107	204
1980	292	6 331	13 294	97	20	269	481	193	7 391	119	197
1981	302	5 972	12 354	107	26	307	563	240	7 059	133	244
1982	296	5 262	9 860	92	27	282	506	192	6 278	118	193
1983	311	5 328	10 529	105	32	360	615	223	6 287	132	226

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 22. WOOD PRESERVATION INDUSTRY (S.I.C. 2591) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	31	1 178	2 465	5	1	19	34	15	1 456	7	15
1970	34	1 048	2 212	7	1	21	39	17	1 357	10	18
1971	30	1 154	2 443	8	1	26	45	19	1 448	11	20
1972	31	1 148	2 509	9	1	27	51	22	1 465	12	22
1973	33	1 125	2 418	10	1	32	61	27	1 452	14	28
1974	36	1 281	2 622	13	2	42	80	39	1 506	16	41
1975	36	1 320	2 721	14	2	54	88	37	1 627	19	37
1976	36	1 199	2 341	13	2	49	81	32	1 481	18	34
1977	34	1 188	2 418	16	2	58	102	39	1 474	21	40
1978	38	1 446	2 985	20	3	69	120	48	1 733	25	48
1979	41	1 364	2 784	21	3	82	132	51	1 672	27	52
1980	40	1 416	2 900	26	3	94	150	56	1 687	31	59
1981	43	1 295	2 656	26	4	106	173	65	1 572	32	67
1982	45	1 128	2 166	24	6	100	166	61	1 388	31	61
1983	47	1 019	1 987	23	5	111	171	54	1 249	29	56

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 23. PARTICLEBOARD AND WAFERBOARD INDUSTRIES (S.I.C. 2592-2593) BY YEAR, 1970-1983

Year	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees*: Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
A. Particleboard and waferboard											
1970	9	674	1 512	4	1	8	18	9	783	5	9
1971	11	846	1 766	5	1	11	25	13	1 007	7	13
1972	11	952	2 091	7	2	17	37	18	1 136	9	18
1973	11	1 028	2 248	8	2	17	47	27	1 240	10	27
1974	11	1 077	2 298	10	3	21	52	29	1 269	12	29
1975	14	1 192	2 413	13	3	26	51	23	1 377	16	22
1976	18	1 634	3 340	20	6	41	77	33	1 889	24	33
1977	17	1 590	3 221	21	8	48	102	45	1 841	26	44
1978	17	1 720	3 616	28	10	65	148	74	2 018	34	74
1979	18	2 056	4 310	35	13	86	183	89	2 407	43	89
1980	17	1 807	3 794	36	14	97	186	71	2 149	44	70
1981	21	1 974	4 096	44	18	118	226	95	2 366	55	95
1982	27	1 899	3 419	37	17	109	200	68	2 280	65	68
1983	30	2 017	6 570	48	23	157	279	101	2 422	71	100
B. Particleboard (S.I.C. 2592)											
1982	17	928	1 914	20	10	64	122	48	1 138	26	47
1983	19	1 014	1 972	23	11	81	149	57	1 223	31	57
C. Waferboard (S.I.C. 2593)											
1982	10	971	1 505	17	8	45	78	21	1 142	22	21
1983	11	1 003	2 032	25	11	76	130	43	1 199	31	43

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 24. PULP AND PAPER INDUSTRIES (S.I.C. 271) BY YEAR, 1960-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	126	53 313	..	260	111	658	1 583	815	..	..	..
1965	132	58 074	128 006	339	151	924	2 104	1 034	69 897	424	1 042
1970	139	62 025	134 291	512	204	1 334	2 851	1 323	80 371	701	1 331
1971	142	61 426	130 766	546	233	1 364	2 832	1 273	79 397	746	1 277
1972	141	61 196	131 426	594	244	1 484	3 128	1 374	78 969	809	1 380
1973	146	61 783	131 688	645	271	1 701	3 791	1 804	80 085	884	1 813
1974	147	66 584	142 883	803	409	2 307	5 703	3 034	86 203	1 097	3 049
1975	147	64 329	117 176	755	399	2 192	5 122	2 569	84 046	1 092	2 601
1976	147	66 946	139 464	1 033	546	2 733	5 993	2 845	86 995	1 416	2 876
1977	145	64 930	135 108	1 130	668	2 911	6 637	3 056	84 533	1 541	3 070
1978	144	66 039	138 834	1 253	798	3 255	7 649	3 504	85 601	1 697	3 508
1979	146	66 878	139 305	1 355	919	3 848	9 282	4 539	87 055	1 847	4 531
1980	144	66 252	137 699	1 486	1 037	4 605	10 908	5 350	86 872	2 050	5 355
1981	144	67 170	139 183	1 670	1 240	5 063	11 619	5 406	87 882	2 310	5 401
1982	142	62 626	129 840	1 729	1 376	4 877	10 689	4 535	83 104	2 442	4 515
1983	137	60 200	125 563	1 838	1 522	5 092	11 082	4 410	79 164	2 528	4 380

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-204.

IV - 25. ASPHALT ROOFING INDUSTRY (S.I.C. 272) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	21	1 291	2 899	6	1	30	58	26	1 942	10	30
1970	14	618	1 436	4	1	22	39	17	1 141	9	19
1971	14	727	1 706	6	1	29	51	22	1 218	10	25
1972	14	815	1 919	7	1	34	63	28	1 277	12	31
1973	15	919	2 088	8	1	41	77	33	1 375	13	37
1974	15	916	2 109	9	2	54	102	49	1 403	15	52
1975	15	963	2 189	11	2	69	121	51	1 438	18	53
1976	15	1 034	2 177	13	3	87	148	60	1 549	21	63
1977	15	998	2 127	14	4	91	154	62	1 540	22	64
1978	17	1 043	2 169	15	4	111	179	64	1 467	23	67
1979	18	997	2 067	15	5	138	209	72	1 471	24	81
1980	17	891	1 874	15	5	160	244	78	1 393	26	92
1981	16	806	1 637	15	6	167	269	90	1 301	27	100
1982	16	768	1 562	15	7	162	271	102	1 269	26	107
1983	17	1 025	2 103	25	8	215	306	89	1 424	36	102

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215.

IV - 26. PAPER BOX AND BAG INDUSTRIES (S.I.C. 273) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	244	15 898	34 274	102	3	284	458	172	20 952	100	173
1970	269	17 505	37 569	108	5	389	656	266	23 497	160	270
1971	268	17 527	37 231	116	6	412	701	285	23 387	170	290
1972	268	18 393	39 435	132	7	455	771	313	24 335	191	320
1973	265	19 249	40 698	150	7	518	881	358	25 282	214	366
1974	269	20 187	41 236	177	9	718	1 182	480	26 247	252	498
1975	286	18 791	38 173	182	11	698	1 171	458	24 799	266	470
1976	284	18 882	38 509	215	13	784	1 310	526	24 891	306	537
1977	280	18 086	37 675	231	16	811	1 355	525	23 837	329	528
1978	296	18 680	38 925	252	18	904	1 502	589	24 259	351	591
1979	316	19 125	39 688	276	21	1 057	1 718	653	24 607	382	657
1980	331	19 713	40 238	306	25	1 226	2 000	765	25 443	430	767
1981	331	19 255	39 496	349	31	1 452	2 303	832	25 131	492	835
1982	255	14 087	28 519	275	26	1 115	1 800	664	18 492	394	667
1983	248	14 447	29 270	313	29	1 217	1 989	752	18 641	435	750

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-216.

IV - 27. OTHER CONVERTED PAPER PRODUCTS INDUSTRIES (S.I.C. 279) BY YEAR, 1965-1983

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	204	8 731	18 892	37	3	147	262	115	12 215	58	120
1970	213	10 531	22 240	60	4	208	384	176	16 071	108	197
1971	218	10 406	22 108	63	4	219	416	193	15 707	113	212
1972	231	10 784	22 613	71	5	239	453	213	16 177	124	231
1973	223	11 172	23 409	82	5	276	522	243	16 396	137	261
1974	219	12 009	24 733	98	7	377	690	326	17 422	162	347
1975	217	11 711	23 755	107	7	389	717	320	17 059	178	345
1976	215	11 473	23 469	119	9	435	778	343	16 772	195	368
1977	207	10 230	21 030	115	10	426	793	360	14 553	187	370
1978	242	11 120	22 728	134	13	477	867	382	15 456	211	399
1979	252	11 667	23 926	156	15	611	1 077	469	15 785	238	488
1980	272	12 215	24 979	179	18	795	1 351	544	16 602	278	556
1981	267	12 260	25 209	210	23	912	1 539	615	16 710	317	630
1982	260	10 443	21 665	197	25	910	1 502	568	14 804	317	586
1983	270	10 703	21 839	216	26	943	1 634	678	15 079	342	709

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215.

IV - 28. MANUFACTURING INDUSTRIES, 1983

Industries	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees*		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Wood industries	3 453	85 499	172 757	1 950	323	5 297	9 406	3 942	101 965	2 427	3 993
Paper and allied industries	672	86 375	178 775	2 392	1 586	7 468	15 011	5 929	114 308	3 341	5 940
Subtotal, forest industries	**4 125**	**171 874**	**351 532**	**4 342**	**1 909**	**12 765**	**24 417**	**9 871**	**216 273**	**5 768**	**9 933**
Food and beverages	3 092	125 349	257 674	2 671	614	21 255	32 244	10 438	193 437	4 498	11 237
Fish products	392	21 023	44 595	326	38	974	1 638	622	24 577	399	766
Tobacco products	25	4 955	9 164	132	10	772	1 516	756	8 110	236	754
Rubber and plastics products	1 160	42 568	88 159	827	138	2 715	5 184	2 350	56 790	1 234	2 464
Leather and allied products	400	20 397	40 829	269	14	582	1 166	583	23 674	356	619
Primary textile industries	220	22 749	47 546	400	101	1 497	2 717	1 146	29 626	586	1 166
Textile products industries	837	24 759	51 671	359	63	1 295	2 395	1 058	31 164	524	1 103
Clothing	2 368	96 636	190 115	1 186	38	2 365	4 891	2 537	109 816	1 513	2 604
Furniture and fixtures	1 671	35 702	73 716	577	39	1 248	2 668	1 394	43 511	774	1 404
Printing, publishing, and allied	5 155	63 896	125 846	1 404	64	2 710	7 579	4 806	110 159	2 545	4 956
Primary metal	429	77 579	159 094	2 216	952	7 113	13 572	5 503	105 352	3 181	5 597
Metal fabricating (except machinery and transportation equipment)	5 227	97 851	201 848	2 139	204	5 543	11 099	5 281	129 393	3 015	5 435
Machinery (except electrical machinery)	1 638	46 303	94 901	1 016	81	2 758	5 785	2 848	69 557	1 651	3 029
Transportation equipment	1 348	130 847	280 199	3 318	292	18 958	28 456	9 225	173 360	4 639	10 388
Electrical products	1 235	78 636	162 631	1 622	115	4 748	9 903	5 084	127 845	3 025	5 858
Nonmetallic mineral products	1 583	34 097	70 890	801	468	1 871	4 779	2 447	47 450	1 193	2 521
Petroleum and coal products	131	7 417	16 117	264	282	20 193	23 324	2 630	18 917	755	2 641
Chemicals and chemical products	1 238	46 084	96 730	1 133	1 156	8 253	15 750	6 289	87 824	2 445	6 914
Miscellaneous manufacturing	3 012	44 963	91 173	745	56	2 023	4 172	2 067	64 046	1 257	2 384
Subtotal, other industries	**31 161**	**1 021 811**	**2 102 898**	**21 405**	**4 725**	**106 843**	**178 838**	**67 064**	**1 454 608**	**33 826**	**71 840**
Total, industries	**35 286**	**1 193 685**	**2 454 430**	**25 749**	**6 636**	**119 609**	**203 256**	**76 936**	**1 670 881**	**39 594**	**81 774**

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

SECTION V

EMPLOYMENT

V - 1. EMPLOYMENT BY INDUSTRY SECTOR,* 1970-1985

Year	Primary industries				Manufacturing				Construction	Transport, communication and other utilities	Trade	Finance, business, and real estate	Community business, and personal service	Public administration	Employment		Unemployment rate	
	Agriculture	Forestry services, logging	Other**	Total	Wood	Paper and allied	Other	Total							Total	Forestry	Total	Forestry
	1 000 persons																%	
1970	513	..	216	731	..	..	1 768	1 768	467	698	1 328	379	2 040	510	7 919	..	5.7	..
1971	514	..	221	735	..	..	1 766	1 766	489	707	1 335	399	2 128	545	8 103	..	6.2	..
1972	483	..	214	697	..	..	1 823	1 823	494	734	1 417	398	2 202	579	8 344	..	6.2	..
1973	469	..	224	693	..	..	1 927	1 927	539	775	1 503	424	2 290	610	8 761	..	5.5	..
1974	474	..	229	703	..	..	1 978	1 978	586	791	1 578	460	2 389	640	9 125	..	5.3	..
1975	483	60	160	703	93	130	1 648	1 871	603	812	1 637	474	2 520	665	9 285	283	6.9	11.5
1976	472	70	165	707	117	143	1 661	1 921	635	824	1 644	496	2 573	678	9 478	330	7.1	10.3
1977	464	70	172	706	118	128	1 642	1 888	634	819	1 679	531	2 695	699	9 651	316	8.1	11.2
1978	474	77	217	734	130	140	1 686	1 956	634	859	1 739	546	2 812	705	9 987	347	8.3	10.4
1979	484	67	208	759	140	141	1 790	2 071	644	903	1 808	554	2 954	701	10 395	348	7.4	8.2
1980	479	71	229	779	135	143	1 833	2 111	624	906	1 837	611	3 096	744	10 708	349	7.5	9.8
1981	485	77	246	808	139	145	1 838	2 122	651	912	1 884	594	3 267	768	11 006	361	7.5	10.6
1982	462	63	208	733	107	136	1 687	1 930	597	885	1 848	601	3 284	767	10 644	306	11.0	18.1
1983	476	76	205	757	115	125	1 646	1 886	566	870	1 850	602	3 421	782	10 734	316	11.9	16.5
1984	476	76	216	768	118	128	1 722	1 968	572	858	1 929	631	3 483	791	11 000	322	11.3	14.3
1985	488	68	225	781	110	123	1 748	1 981	587	884	2 001	629	3 648	802	11 311	301	10.5	14.1

* Labour force survey, unadjusted series.

** Fishing and trapping, mines, quarries, and oil wells.

Source: Statistics Canada Cat. No. 71-201 and Labour Force Survey.

V - 2. EMPLOYMENT IN THE FOREST INDUSTRIES BY SECTOR,* 1961-1983

Year	Logging	Wood industries			Paper and allied industries			Total forest industries
		Sawmills and planing mills	Other	Total	Pulp and paper mills	Other	Total	
1961	..	46 688	35 397	82 085	63 789	34 503	98 292	..
1965	60 701	50 848	40 740	91 588	69 897	40 283	110 180	262 469
1970	52 230	48 776	39 053	87 829	80 371	40 709	121 080	261 139
1971	47 284	50 963	40 883	91 846	79 397	40 312	119 709	258 839
1972	47 553	57 111	45 588	102 699	78 969	41 789	120 758	271 010
1973	57 586	62 476	49 124	111 600	80 085	43 053	123 138	292 324
1974	59 491	58 346	48 274	106 620	86 203	45 072	131 275	297 386
1975	53 622	49 156	48 561	97 717	84 046	43 296	127 342	278 681
1976	49 878	56 408	49 770	106 178	86 995	43 212	130 207	286 263
1977	49 445	60 445	48 215	108 660	84 533	39 930	124 463	282 568
1978	53 753	66 457	52 547	119 004	85 601	41 182	126 783	299 540
1979	56 614	68 328	53 720	122 048	87 055	41 863	128 918	307 580
1980	54 370	66 278	51 029	117 307	86 872	43 438	130 310	301 987
1981	48 402	62 774	49 796	112 570	87 882	43 142	131 024	291 996
1982	40 156	53 698	43 352	97 050	83 104	34 565	117 669	254 875
1983	45 943	58 135	43 830	101 965	79 164	35 144	114 308	262 216

* Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202, Census of manufactures.

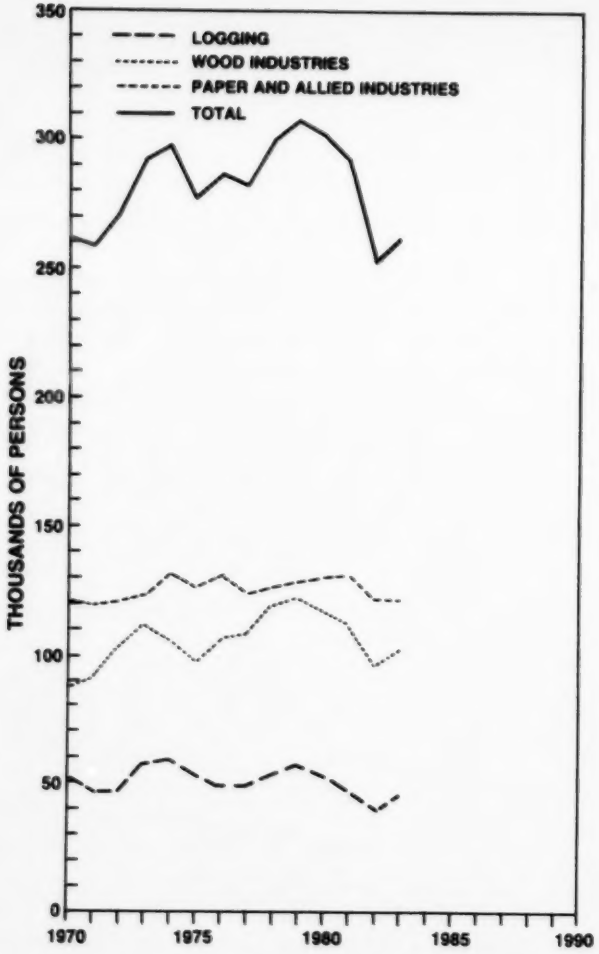

FIGURE 22. EMPLOYMENT IN THE FOREST INDUSTRIES BY SECTOR, 1970-1983.

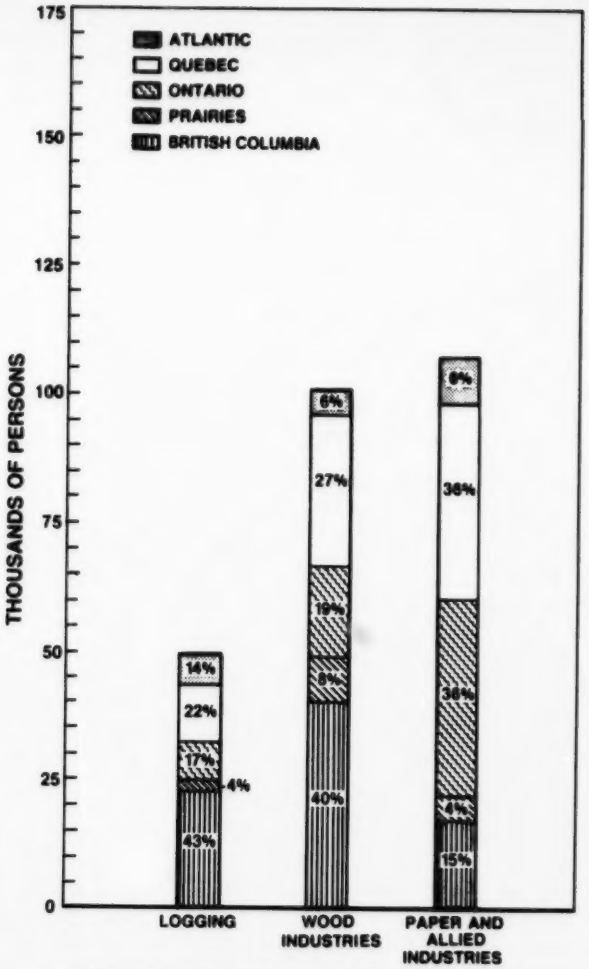

FIGURE 23. EMPLOYMENT IN THE FOREST INDUSTRIES BY SECTOR AND BY REGION, 1983.

SOURCE: STATISTICS CANADA, CAT. 25-202.

V - 3. EMPLOYMENT BY FOREST INDUSTRY SECTOR AND PROVINCE,* 1970-1983

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada**
A. Logging											
1970	2 439	-	1 523	3 599	14 815	9 567	386	549	747	18 581	52 230
1971	1 778	-	1 427	3 466	12 521	8 125	432	518	652	18 364	47 284
1972	1 881	-	1 273	3 348	12 364	7 783	520	626	782	18 976	47 553
1973	2 404	-	1 524	4 533	14 690	8 983	563	677	1 306	22 906	57 586
1974	2 579	-	1 675	4 741	16 115	9 673	693	843	1 456	21 716	59 491
1975	2 319	-	1 592	4 134	17 288	8 028	769	851	1 141	17 500	53 622
1976	1 588	-	1 117	3 852	13 135	7 694	670	616	1 052	20 154	49 878
1977	1 625	-	1 098	3 547	11 834	8 447	567	511	980	20 836	49 445
1978	1 324	-	1 229	4 269	11 959	9 569	578	616	1 041	23 168	53 753
1979	x	x	1 178	4 377	13 065	9 684	500	682	1 151	24 474	56 614
1980	x	x	1 083	4 140	11 575	9 578	527	605	1 020	24 270	54 370
1981	1 580	5	1 030	3 808	11 257	9 003	578	599	981	19 561	48 402
1982	1 614	12	1 021	3 188	8 994	7 079	449	575	853	16 371	40 156
1983	1 328	9	1 190	4 051	9 881	7 826	446	560	746	19 906	45 943
B. Wood Industries											
1970	429	59	2 182	3 605	19 483	16 664	1 233	933	4 852	38 329	87 829
1971	447	69	1 889	3 570	19 975	16 835	1 330	1 035	5 002	41 652	91 846
1972	448	65	2 065	3 886	23 200	18 598	1 634	1 228	5 717	45 819	102 699
1973	505	72	1 982	3 967	25 592	20 662	1 943	1 236	6 065	49 547	111 600
1974	538	75	2 124	4 225	24 771	20 507	1 979	1 241	6 241	44 866	106 620
1975	482	x	2 210	3 838	23 959	19 284	1 957	1 593	5 614	38 655	97 717
1976	392	87	2 234	3 949	25 239	19 872	1 903	1 552	6 250	44 645	106 178
1977	380	110	2 001	3 487	25 345	20 110	1 835	1 656	6 100	47 605	108 660
1978	414	194	2 203	3 759	29 132	21 942	1 998	1 803	6 571	50 955	119 004
1979	374	x	2 151	4 338	29 782	22 902	2 060	1 867	6 967	51 369	122 048
1980	330	162	1 980	4 245	29 213	21 348	1 993	1 596	6 634	49 708	117 307
1981	334	128	1 802	3 956	27 976	20 970	2 158	1 620	6 904	46 627	112 570
1982	263	112	1 618	3 151	23 566	19 011	1 852	1 343	5 765	40 309	97 050
1983	380	139	1 879	3 510	27 367	19 562	2 010	x	5 418	40 392	101 965

V - 3. EMPLOYMENT BY FOREST INDUSTRY SECTOR AND PROVINCE,* 1970-1983 (CONCLUDED)

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada**
C. Paper and allied industries											
1970	x	-	2 850	5 575	43 743	44 894	1 835	x	1 622	17 089	**121 080**
1971	x	-	3 077	5 603	42 125	43 867	1 902	x	1 562	18 327	**119 709**
1972	x	-	3 043	5 505	41 988	44 580	2 192	x	1 680	18 804	**120 758**
1973	x	-	3 253	5 595	41 427	45 391	2 182	x	1 743	19 782	**123 138**
1974	x	-	3 319	5 925	45 367	47 404	x	x	2 155	20 768	**131 275**
1975	x	-	3 309	5 898	44 695	45 178	2 284	x	2 208	20 225	**127 342**
1976	x	-	3 336	6 433	45 923	45 645	2 240	x	2 336	20 404	**130 207**
1977	x	-	3 338	6 124	43 633	43 488	2 089	x	2 254	20 320	**124 463**
1978	x	-	3 513	5 980	43 736	45 209	2 159	x	2 338	20 655	**126 783**
1979	x	-	3 175	6 145	44 333	46 172	x	x	2 575	20 998	**128 918**
1980	x	-	3 163	6 016	43 556	47 861	2 408	x	2 384	21 540	**130 310**
1981	x	-	3 340	x	45 011	47 381	2 361	x	2 499	20 660	**131 024**
1982	x	-	x	5 484	41 457	41 597	2 041	x	2 210	18 458	**117 669**
1983	x	-	2 877	5 143	40 829	41 001	1 859	x	2 239	17 390	**114 308**
D. Forest industries											
1970	x	x	6 555	12 779	78 041	71 125	3 454	x	7 221	73 999	**261 139**
1971	x	x	6 393	12 639	74 621	68 827	3 664	x	7 216	78 343	**258 839**
1972	x	x	6 381	12 739	77 552	70 961	3 846	x	8 179	83 599	**271 010**
1973	x	x	6 759	14 095	81 709	75 036	4 688	x	9 114	92 235	**292 324**
1974	x	x	7 118	14 891	86 253	77 584	x	x	9 852	87 350	**297 386**
1975	x	x	7 111	13 870	85 942	72 490	5 010	x	8 963	76 380	**278 681**
1976	x	x	6 687	14 234	84 297	73 211	4 813	x	9 638	85 203	**286 263**
1977	x	x	6 437	13 158	80 812	72 045	4 491	x	9 334	88 761	**282 568**
1978	x	x	6 945	14 008	84 827	76 720	4 735	x	9 850	94 778	**299 540**
1979	x	x	6 504	14 860	87 180	78 758	x	x	10 693	96 841	**307 580**
1980	x	x	6 226	14 446	84 344	78 787	4 928	x	10 038	95 518	**301 987**
1981	x	x	6 172	x	84 244	77 354	5 097	x	10 384	86 848	**291 996**
1982	x	x	x	11 823	74 017	67 687	4 342	x	8 828	75 138	**254 875**
1983	x	x	5 946	12 704	78 077	68 389	4 315	x	8 403	77 688	**262 240**

* Census of manufactures.

** Including Yukon and Northwest Territories.

Source: Statistics Canada Cat. No. 25-202.

SECTION VI

SELLING PRICE INDEXES

VI - 1. SELECTED FOREST INDUSTRY SELLING PRICE INDEXES, 1956-1985
(1971 = 100)

Year	Wood industries	Sawmills and planing mills	Shingle mills	Veneer and plywood mills	Paper and allied industries	Pulp and paper mills	All manufacturing industries
1956	71.8	77.1	55.2	84.7	82.7	84.1	79.4
1960	70.0	73.2	50.4	74.2	84.6	85.7	82.2
1965	76.8	79.7	66.4	80.1	89.0	91.1	86.2
1970	89.6	86.7	81.9	90.0	99.8	100.5	98.1
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	122.2	126.6	139.9	119.9	100.9	100.5	104.4
1973	151.9	162.1	162.9	137.9	112.1	113.3	116.1
1974	149.1	147.4	141.6	154.2	151.6	157.1	138.1
1975	151.3	145.9	175.2	159.2	178.4	189.1	153.7
1976	167.9	163.8	223.8	169.5	182.8	191.7	161.6
1977	188.7	190.7	270.5	175.2	193.5	204.6	174.3
1978	225.3	231.9	312.5	220.6	204.2	216.4	190.4
1979	260.8	274.7	309.2	242.2	239.6	258.2	217.9
1980	244.6	243.3	300.3	237.9	277.2	300.1	247.2
1981	245.4	229.8	300.6	266.4	306.1	329.5	272.4
1982	238.6	220.2	290.1	239.5	317.3	336.1	288.8
1983	264.8	252.2	342.2	256.3	307.3	317.5	298.8
1984	260.4	242.0	355.3	248.0	340.3	358.9	310.9
1985	266.6	248.7	312.1	255.6	347.1	363.1	319.2

Source: Statistics Canada Cat. No. 62-011.

VI - 2. SELLING PRICE INDEXES - SELECTED WOOD PRODUCTS, 1956-1985
(1971 = 100)

Year	Softwood lumber				Hardwood lumber	Plywood		Particleboard sanded
	Spruce	Hemlock	White pine	Douglas-fir	Yellow birch	Douglas-fir	Spruce and pine	
1956	86.6	80.5	72.8	74.6	85.2	81.5	..	..
1960	82.2	76.4	77.1	68.4	88.8	66.3	..	..
1965	82.6	80.2	78.4	77.0	94.0	76.1	..	..
1970	79.8	88.5	95.1	83.2	102.7	88.0	82.3	..
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	136.0	126.6	114.2	120.1	109.5	121.1	127.8	..
1973	167.8	173.7	151.3	160.5	136.1	139.0	137.1	..
1974	133.9	161.7	164.4	147.3	153.6	153.8	138.3	..
1975	131.8	158.8	146.9	145.6	148.5	161.0	150.2	..
1976	159.5	173.5	152.6	168.7	155.4	173.8	167.2	149.0
1977	188.8	204.0	165.8	204.5	167.4	177.5	170.1	171.3
1978	242.9	239.2	200.5	243.4	187.0	228.8	212.6	215.9
1979	275.9	315.3	239.4	303.2	224.8	244.5	222.6	192.2
1980	219.4	289.1	250.1	249.3	218.6	240.3	219.8	234.1
1981	208.2	251.5	240.4	233.4	208.3	271.0	257.8	280.9
1982	188.7	247.1	237.2	209.3	200.4	244.2	201.8	284.9
1983	246.4	269.1	249.0	241.3	209.1	255.0	244.1	278.4
1984	226.7	254.9	295.9	229.3	230.7	242.2	218.8	271.5
1985	234.8	279.7	305.7	228.9	233.1	253.7	235.9	273.4

Source: Statistics Canada Cat. No. 62-011.

VI - 3. SELLING PRICE INDEXES - SELECTED PULP AND PAPER PRODUCTS, 1956-1985
(1971 = 100)

Year	Sulphite paper grades bleached for export	Sulphate paper grades bleached for export	Newsprint white in rolls for export	Book and printing paper	Fine papers	Wrapping and packaging	Paperboard
1956	92.2	88.6	...	71.2	72.7	80.6	97.0
1960	87.6	87.8	...	78.3	80.1	86.0	97.0
1965	92.4	94.2	92.1	82.9	84.8	87.2	97.3
1970	103.2	101.5	100.8	97.1	97.9	99.9	100.1
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	97.1	93.4	102.8	103.4	102.5	98.8	103.2
1973	120.6	117.5	109.4	119.6	116.9	108.5	114.0
1974	191.8	187.7	136.7	154.2	152.4	144.6	141.9
1975	235.9	238.9	172.2	163.9	162.5	163.0	153.4
1976	218.8	230.6	177.6	164.8	161.6	155.7	162.5
1977	220.8	233.1	210.4	173.6	165.0	155.4	166.7
1978	210.2	213.1	236.4	190.5	173.6	164.5	171.7
1979	279.4	278.9	268.0	221.2	197.7	193.4	200.2
1980	342.1	341.0	300.2	245.9	219.0	225.8	238.5
1981	356.3	358.9	342.7	273.7	242.1	247.9	272.4
1982	341.1	339.4	358.9	286.4	256.4	263.2	279.4
1983	303.7	293.9	337.6	291.6	257.6	267.3	286.6
1984	367.1	370.4	375.1	307.6	277.5	274.3	286.6
1985	318.4	322.3	411.3	311.2	279.7	280.2	323.5

Source: Statistics Canada Cat. No. 62-011.

SECTION VII

FINANCIAL STATISTICS AND ECONOMIC INDICATORS

- Capital and repair expenditures
- Contribution to Canadian Gross Domestic Product
- Economic indicators
- Income taxes
- Profits and profitablity

VII - 1. CORPORATE PROFITS AND PROFITABILITY* - FOREST INDUSTRIES, 1970-1983

Year	Wood industries			Paper and allied industries			Manufacturing industries		
	Before tax	After tax	Profitability	Before tax	After tax	Profitability	Before tax	After tax	Profitability
	$000 000		%	$000 000		%	$000 000		%
1970	-13	-22	-0.6	229	155	3.7	2 899	1 662	5.5
1971	51	10	1.8	111	64	2.2	3 679	2 179	6.7
1972	189	90	6.0	139	65	2.4	4 361	2 590	7.5
1973	480	284	15.7	799	573	10.1	6 607	4 142	10.6
1974	188	94	6.2	1 337	852	12.2	8 697	5 272	11.6
1975	60	9	1.5	826	574	7.8	7 652	4 564	9.1
1976	206	94	5.1	573	343	5.4	7 367	4 542	8.5
1977	402	232	9.7	582	308	4.5	7 397	4 561	6.8
1978	750	474	15.7	1 191	817	8.9	10 085	6 492	9.7
1979	874	546	15.6	1 621	905	8.9	14 213	9 064	11.6
1980	380	242	6.4	2 465	1 604	13.0	15 109	9 498	10.6
1981	69	36	1.7	2 096	1 536	10.3	14 396	9 076	8.8
1982	-277	-190	5.1	-39	28	1.4	4 910	2 843	3.4
1983	206	157	4.8	-23	38	1.2	8 556	5 503	5.5

* Profitability was obtained by dividing after-tax profits plus interest on long-term debt by capital employed.

Source: Statistics Canada Cat. No. 61-207.

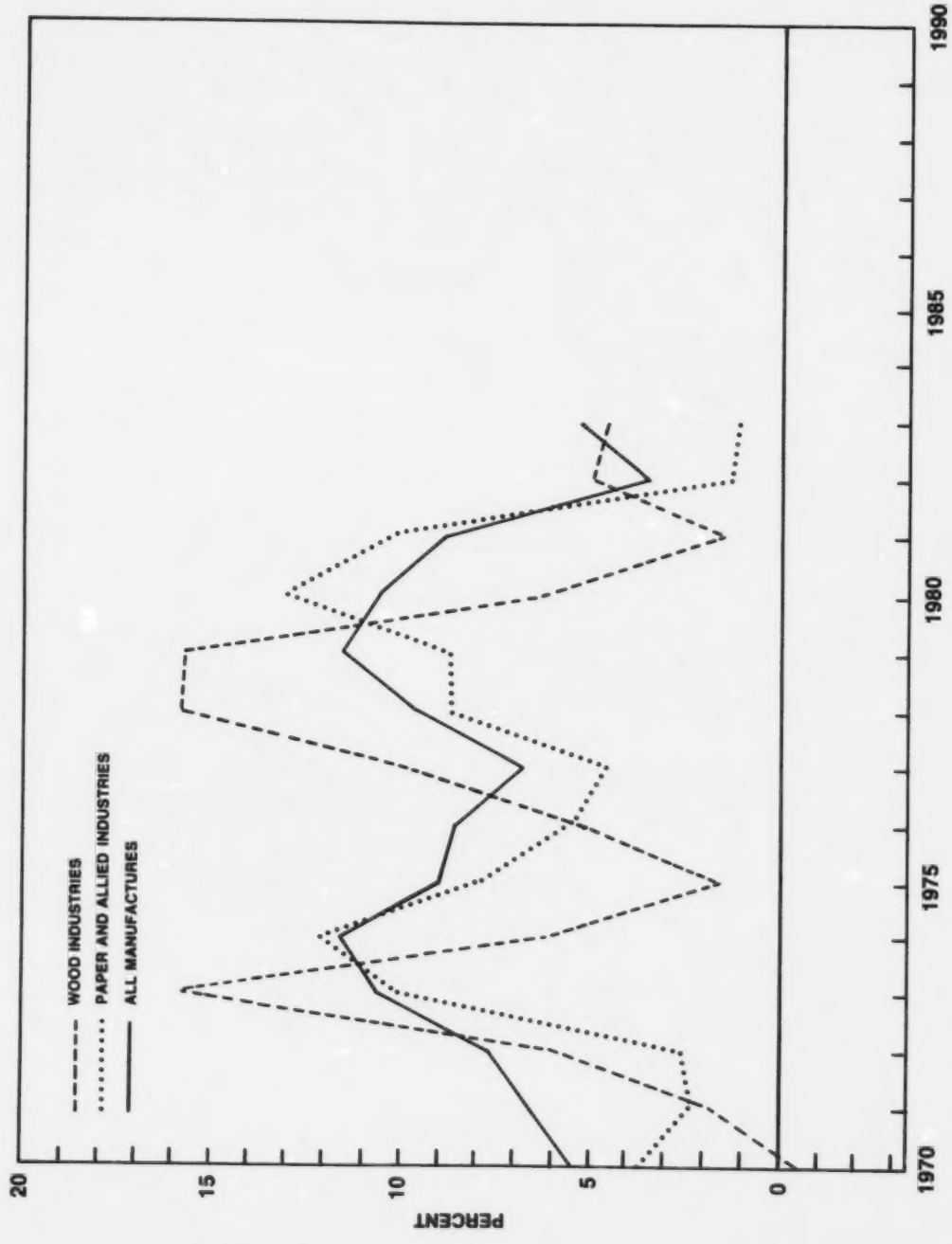

FIGURE 24. PROFITABILITY OF CORPORATIONS IN THE FOREST INDUSTRIES BY SECTOR, 1970-1983.

SOURCE: STATISTICS CANADA, CAT. 25-202, 61-207.

VII - 2. PROVINCIAL ALLOCATION OF TAXABLE INCOME BY FOREST INDUSTRY SECTOR AND PROVINCE, 1970-1984

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other*	Canada
							$000						
A. Forestry services and logging													
1970	X	-	155	344	866	832	X	X	X	18 603	-	X	**21 454**
1971	206	-	177	528	1 763	954	66	-	528	16 399	-	X	**20 670**
1972	132	-	303	712	X	2 577	23	X	415	23 963	X	-	**29 690**
1973	189	-	861	612	1 871	4 645	X	X	495	43 378	X	X	**52 169**
1974	271	-	1 674	741	2 234	4 172	X	X	X	32 290	-	X	**42 160**
1975	108	-	545	834	X	2 105	X	224	X	22 015	X	-	**28 942**
1976	215	-	501	872	2 973	2 753	X	332	1 474	34 246	X	-	**43 436**
1977	109	-	X	902	2 628	3 429	29	325	1 597	45 937	X	X	**56 817**
1978	140	-	1 622	1 280	X	5 573	77	372	1 478	50 102	X	X	**65 406**
1979	305	-	2 637	1 607	11 299	7 589	X	X	2 451	99 676	X	X	**126 210**
1980	434	-	3 512	1 963	12 282	11 374	19 549	X	2 798	114 621	X	X	**147 949**
1981	791	X	2 713	2 197	11 658	8 525	X	908	X	54 577	X	197	**84 185**
1982	615	X	1 180	1 972	14 304	9 983	X	752	X	42 751	118	X	**74 519**
1983	560	X	1 097	X	17 098	11 300	471	930	X	60 951	X	X	**99 697**
1984p	590	X	3 529	5 086	26 699	16 099	X	1 000	4 495	68 347	113	X	**126 734**
B. Wood industries													
1970	X	X	835	722	10 746	10 789	399	361	4 089	11 323	-	-	**39 326**
1971	51	X	996	646	14 473	13 273	457	1 773	5 114	32 558	-	-	**69 343**
1972	73	X	1 775	1 081	32 502	22 433	627	4 851	15 921	82 103	X	-	**162 635**
1973	149	X	3 124	6 996	64 166	39 709	1 561	6 640	14 949	201 771	X	-	**339 351**
1974	X	31	4 219	6 879	40 992	37 986	1 455	2 210	8 552	80 340	X	-	**182 922**
1975	X	421	3 672	4 442	29 039	32 336	2 085	4 612	10 903	62 144	-	X	**150 364**
1976	X	X	4 959	1 918	37 071	35 027	3 192	2 980	17 526	142 174	-	-	**245 446**
1977	X	120	4 171	2 519	57 050	35 196	3 559	4 678	14 638	206 250	-	X	**332 455**
1978	X	128	3 879	4 234	65 469	52 091	3 981	10 233	23 071	391 233	-	X	**554 759**
1979	X	179	6 014	8 177	107 581	79 470	3 869	8 082	33 625	449 784	-	490	**697 696**
1980	253	116	X	3 647	62 435	57 150	2 856	3 399	15 243	170 238	X	201	**318 650**
1981	265	93	1 909	2 781	44 300	58 474	3 683	2 807	12 833	80 440	-	50	**207 635**
1982	250	78	2 004	2 425	38 132	46 399	3 130	1 522	8 671	30 931	-	X	**133 575**
1983	298	303	3 338	X	84 164	56 449	6 631	6 164	6 792	63 974	-	277	**233 468**
1984p	265	X	4 915	7 432	109 974	70 504	6 260	6 486	8 624	54 643	X	427	**269 842**

VII - 2. PROVINCIAL ALLOCATION OF TAXABLE INCOME BY FOREST INDUSTRY SECTOR AND PROVINCE, 1970-1984 (CONCLUDED)

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other*	Canada
							$000						
C. Paper and allied industries													
1970	94	-	3 803	2 438	25 414	58 362	4 696	239	8 316	42 877	-	40	**146 279**
1971	63	X	2 961	1 175	27 767	40 439	3 142	411	6 581	41 345	-	X	**124 160**
1972	125	-	3 022	1 081	38 277	46 339	2 455	457	5 438	53 904	-	407	**151 505**
1973	404	244	5 684	11 515	78 749	112 882	5 083	865	15 904	127 537	-	1 662	**360 529**
1974	19 466	X	11 700	32 087	278 793	261 061	10 402	1 746	35 206	92 699	-	1 046	**744 411**
1975	14 706	X	35 107	16 689	154 556	107 563	3 578	639	32 969	20 936	X	X	**387 540**
1976	365	-	26 872	3 216	107 528	70 511	1 904	4 221	34 611	125 506	X	X	**375 114**
1977	10 010	-	34 381	X	119 398	81 251	3 939	3 058	27 012	105 022	-	X	**392 895**
1978	35 689	35	34 085	6 379	252 538	151 874	2 620	972	18 892	140 532	-	X	**644 059**
1979	48 669	X	63 381	17 075	439 221	284 771	4 612	1 965	39 133	391 886	X	245	**1 291 115**
1980	55 351	X	100 660	40 659	486 492	409 936	9 395	34 455	54 367	184 971	-	X	**1 378 262**
1981	51 926	X	67 579	21 207	207 481	365 371	8 815	5 789	39 790	64 293	-	X	**837 138**
1982	2 351	-	29 912	4 868	139 634	108 902	6 685	X	33 316	10 054	-	X	**336 571**
1983	1 992	-	10 937	7 333	111 050	167 299	7 718	775	21 222	10 022	-	-	**338 348**
1984p	12 546	X	26 906	29 887	230 297	273 269	10 406	X	34 180	19 119	-	X	**638 435**
D. Forest industries													
1970	94	X	4 793	3 504	37 026	69 983	5 095	600	12 405	72 803	-	40	**206 343**
1971	320	X	4 134	2 349	44 003	54 666	3 665	2 184	12 223	90 302	-	X	**214 173**
1972	330	X	3 159	2 874	70 779	71 349	3 105	5 308	21 854	159 970	X	407	**343 830**
1973	742	244	9 669	19 123	144 786	157 236	6 644	7 505	30 853	372 686	X	1 662	**752 049**
1974	19 737	31	17 593	39 707	322 019	303 219	11 857	3 956	43 758	205 329	X	1 046	**969 493**
1975	14 814	421	39 324	21 965	183 596	142 004	5 663	5 475	43 872	105 095	X	X	**566 846**
1976	580	X	32 332	6 006	147 572	108 291	5 096	7 533	53 611	301 926	X	X	**663 996**
1977	10 119	120	38 552	3 421	179 076	119 876	7 527	8 061	43 247	357 209	X	X	**782 167**
1978	35 829	163	39 586	11 893	318 007	209 538	6 678	11 577	43 441	581 867	X	X	**1 264 224**
1979	48 974	179	72 032	26 859	558 101	371 830	8 481	10 047	75 209	941 346	X	735	**2 115 021**
1980	56 038	116	104 172	46 269	561 209	478 460	31 800	37 854	72 408	469 830	X	50	**1 844 861**
1981	52 982	93	72 201	26 185	263 439	432 370	44 298	9 504	52 623	199 310	X	197	**1 128 958**
1982	3 216	78	33 096	9 265	192 070	165 284	9 815	2 274	41 987	83 736	118	X	**544 665**
1983	2 850	303	15 372	7 333	212 312	235 048	14 820	7 869	28 014	134 947	X	277	**671 513**
1984p	13 401	X	35 350	42 405	366 970	359 872	16 666	7 486	47 299	142 109	113	427	**1 035 011**

*Other: Including other jurisdictions.

Source: Statistics Canada, Cat. No. 61-208 and 61-208P.

VII - 3. CORPORATE INCOME TAXES PAID BY FOREST INDUSTRIES, 1970-1984

Year	Forestry services and logging			Wood industries			Paper and allied industries			Total		
	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total
						$000 000						
1970	4.4	1.5	5.9	12.3	4.3	16.6	57.9	15.8	73.7	74.6	21.6	96.2
1971	4.3	1.7	6.0	21.3	6.8	28.1	45.1	12.7	57.8	70.7	21.2	91.9
1972	7.7	2.7	10.4	51.9	15.9	67.8	51.9	17.4	69.3	111.5	36.0	147.5
1973	14.4	5.0	19.4	94.1	35.0	129.1	107.0	39.8	146.8	215.5	79.8	295.3
1974	11.8	4.2	16.0	48.2	19.5	67.7	219.4	85.6	305.0	279.4	109.3	388.7
1975	7.0	2.9	9.9	38.6	16.2	54.8	108.8	44.3	153.1	154.4	63.4	217.8
1976	7.9	5.0	12.9	58.6	28.5	87.1	96.8	45.3	142.1	163.3	78.8	242.1
1977	10.5	7.1	17.6	79.5	38.5	118.0	97.1	45.8	142.9	187.1	91.4	278.5
1978	10.7	7.7	18.4	127.0	68.0	195.0	156.3	80.4	236.7	294.0	156.1	450.1
1979	24.4	14.9	39.3	161.6	86.8	248.4	298.7	160.6	459.3	484.7	262.3	747.0
1980	32.2	17.9	50.1	67.9	39.3	107.2	331.4	176.4	507.8	431.5	233.6	665.1
1981	13.2	9.0	22.2	45.5	25.4	70.9	201.9	110.9	312.8	260.6	145.3	405.9
1982	10.1	5.8	15.9	27.3	11.9	39.2	73.1	41.2	114.3	110.5	58.9	169.4
1983	13.0	7.4	20.4	45.2	20.0	65.2	59.8	33.9	93.7	118.0	613.0	179.3
1984p	15.1	8.8	23.9	37.1	21.0	58.1	77.9	68.3	146.2	130.1	98.1	228.2

Source: Statistics Canada Cat. No. 61-208 and 61-208P.

VII - 4. CAPITAL AND REPAIR EXPENDITURES BY FOREST INDUSTRIES, 1960-1986

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Total
			$000 000			
A. Logging industry						
1960	23.8	16.3	48.1	10.4	3.8	102.4
1970	28.5	26.5	103.3	10.7	3.5	172.5
1971	27.2	26.7	109.3	11.3	7.1	181.8
1972	28.9	31.5	134.2	13.3	8.6	216.0
1973	41.7	46.0	175.2	27.9	11.2	302.0
1974	71.3	58.6	215.2	30.2	16.1	391.4
1975	74.7	59.7	179.7	23.3	21.7	359.1
1976	57.9	54.7	231.2	22.5	15.7	382.0
1977	56.6	73.5	265.3	22.6	21.5	439.5
1978	66.4	80.0	307.5	22.3	26.3	502.5
1979	94.5	97.3	343.0	26.0	28.3	589.1
1980	107.0	126.4	401.0	33.9	40.7	709.0
1981	106.2	139.1	294.9	36.4	41.0	617.6
1982	68.8	81.6	205.9	21.3	25.3	402.9
1983	67.3	97.8	274.9	17.1	15.8	472.9
1984	74.9	120.4	307.8	19.5	18.7	541.3
1985 p	66.9	126.7	288.0	21.5	18.6	521.7
1986 forecast	65.4	125.0	286.9	23.4	22.2	522.9
B. Wood industries						
1950	..	10.1	28.1	..	..	54.2
1960	10.5	11.9	46.4	3.1	3.7	75.6
1970	25.8	30.3	139.9	9.4	18.9	224.3
1971	26.8	25.3	158.8	7.0	26.1	244.0
1972	46.2	39.8	167.7	9.6	24.4	287.7
1973	70.6	63.2	235.4	21.3	26.3	416.8
1974	83.3	92.2	212.2	25.3	31.1	444.1
1975	76.1	80.5	183.3	26.3	42.6	408.9
1976	67.9	58.6	225.0	28.7	64.9	445.1
1977	66.8	59.0	286.7	18.5	34.9	466.0
1978	66.5	69.8	390.8	26.2	37.5	590.9
1979	89.4	80.3	466.0	19.4	61.4	716.5
1980	108.6	104.7	508.1	21.6	53.1	796.1
1981	87.7	101.7	469.5	14.2	71.4	744.5
1982	150.6	80.0	295.0	9.7	51.1	586.4
1983	120.0	85.8	329.4	13.8	71.8	620.8
1984	115.2	105.8	403.3	23.7	52.7	700.7
1985 p	143.3	88.2	413.0	14.1	51.9	710.5
1986 forecast	135.9	95.5	443.4	17.4	51.0	743.2

VII - 4. CAPITAL AND REPAIR EXPENDITURES BY FOREST INDUSTRIES, 1960-1986 (CONCLUDED)

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Total
				$000 000		
C. Paper and allied industries						
1950	45.1	44.3	33.0	*	15.8	138.2
1960	95.2	64.9	56.3	47.7	5.2	269.4
1970	152.1	162.5	192.7	191.0	60.1	758.4
1971	122.8	160.2	261.5	194.4	42.6	781.5
1972	171.4	132.7	226.1	108.9	69.3	708.4
1973	263.3	162.1	154.5	56.5	76.4	712.8
1974	348.7	251.6	230.3	93.2	44.1	967.9
1975	308.8	282.6	199.4	110.5	53.4	954.7
1976	336.2	392.4	264.4	123.8	70.0	1 186.8
1977	371.7	385.2	316.6	145.6	70.3	1 289.4
1978	390.7	289.3	339.0	157.2	84.3	1 260.5
1979	434.4	404.8	391.2	234.6	85.9	1 550.9
1980	580.7	530.7	692.5	265.9	82.4	2 152.2
1981	724.6	898.7	964.9	385.1	112.3	3 085.6
1982	724.0	810.0	674.6	479.0	88.9	2 776.5
1983	651.5	493.3	305.7	349.2	89.1	1 888.8
1984	752.7	608.7	454.3	274.6	105.2	2 195.5
1985 p	983.1	758.5	519.4	546.4	168.6	2 975.8
1986 forecast	1 446.4	673.3	561.1	478.5	125.7	3 285.0
D. Forest industries						
1960	129.5	93.1	150.8	61.2	12.7	447.3
1970	209.1	219.3	435.9	211.1	82.5	1 155.2
1971	176.8	212.2	529.6	212.7	75.8	1 207.3
1972	246.5	204.0	528.0	131.8	102.3	1 212.1
1973	375.6	271.3	565.1	105.5	113.9	1 431.6
1974	503.3	402.4	657.7	148.7	91.3	1 803.4
1975	459.6	422.8	562.4	160.1	117.7	1 722.6
1976	462.0	505.7	720.6	175.0	150.6	2 013.9
1977	495.1	517.7	868.6	186.7	126.7	2 194.8
1978	523.6	439.1	1 037.3	205.7	148.1	2 353.8
1979	618.3	582.4	1 200.2	280.0	175.6	2 856.5
1980	796.3	761.8	1 601.6	321.4	176.2	3 657.3
1981	918.5	1 139.5	1 729.3	435.7	224.7	4 447.7
1982	943.4	971.6	1 175.5	510.0	165.3	3 765.8
1983	838.8	676.9	910.0	380.1	176.7	2 982.5
1984	942.8	834.9	1 165.4	317.8	176.6	3 437.5
1985 p	1 193.3	973.4	1 220.2	582.0	239.1	4 208.0
1986 forecast	1 647.7	893.8	1 291.4	519.3	198.9	4 551.1

Source: Statistics Canada Cat. No. 25-202 and 61-205.

VII - 5. GENERAL ECONOMIC INDICATORS BY QUARTER, 1982-1985

Year	Quarter	Real gross national expenditure, percent change	Consumer price index, percent change	Unemployment rate (%)	Canadian dollar in U.S. dollars	Merchandise trade ($000 000)	Prime rate (%)	Toronto Stock Exchange 300 (1975-1000)
1982	1	-2.3	2.5	8.9	0.8273	3 684	16.67	1 682.0
	2	-1.1	3.1	10.4	0.8037	4 445	17.42	1 479.6
	3	-0.7	2.1	12.2	0.8002	5 053	16.08	1 542.4
	4	-0.9	1.6	12.8	0.8121	4 632	13.08	1 856.8
1983	1	2.0	0.6	12.5	0.8148	4 261	11.67	2 092.6
	2	1.8	1.4	12.2	0.8123	5 279	11.00	2 402.8
	3	1.8	1.6	11.6	0.8112	3 883	11.00	2 486.8
	4	1.3	0.9	11.1	0.8075	4 281	11.00	2 484.8
1984	1	1.0	1.3	11.4	0.7966	4 465	11.17	2 423.6
	2	0.7	0.8	11.4	0.7737	5 163	12.00	2 258.0
	3	1.6	0.9	11.2	0.7611	5 210	13.17	2 307.2
	4	0.9	0.7	11.1	0.7585	5 829	11.92	2 374.0
1985	1	1.0	..	11.1	0.7391	5 517	11.42	2 600.9
	2	0.8	..	10.6	0.7303	4 592	10.58	2 694.7
	3	1.7	..	10.3	0.7353	3 156	10.33	2 743.6
	4	1.3	..	10.2	0.7250	..	10.00	2 810.9

Source: Statistics Canada Cat. No. 13-001 and 13-004.

VII - 6. GENERAL ECONOMIC INDICATORS, 1950-1984

Year	G.N.P.* at market price		G.N.P. in constant (1971 dollar)		Implicit price index		Consumer price index		Unemployment rate	Canadian dollar in U.S. dollars	Merchandise trade	Prime rate	Conventional 5-year mortgage rate
	Value ($000 000)	Percent change	Value ($000 000)	Percent change	(1971=100)	Percent change	(1971=100)	Percent change	%		$000 000	%	%
1950	17 955	-	33 260	-	54.6	2.3	59.7	2.9	3.6	0.9554	7	4.50	5.45
1960	38 359	-	53 231	-	72.1	1.2	74.3	1.2	7.0	1.0307	-148	5.75	7.18
1970	85 685	-	88 390	-	96.9	4.6	97.2	-	5.7	0.9579	3 052	8.17	10.45
1971	94 450	10.2	94 450	6.9	100.0	3.2	100.0	2.9	6.2	0.9903	2 563	6.48	9.43
1972	105 234	11.4	100 248	6.1	105.0	5.0	104.8	4.8	6.2	1.0096	1 857	6.00	9.21
1973	123 560	17.4	107 812	7.5	114.6	9.1	112.7	7.5	5.5	0.9999	2 735	7.65	9.59
1974	147 528	19.4	111 678	3.6	132.1	15.3	125.0	10.9	5.3	1.0225	1 689	10.75	11.24
1975	165 343	12.1	113 005	1.2	146.3	10.7	138.5	10.8	6.9	0.9830	-451	9.42	11.43
1976	191 857	16.0	119 612	5.8	160.4	9.6	148.9	7.5	7.1	1.0141	1 559	10.04	11.78
1977	210 189	9.6	121 988	2.0	172.3	7.4	160.8	8.0	8.1	0.9403	2 975	8.50	10.36
1978	232 211	10.5	126 347	3.6	183.8	6.7	175.2	9.0	8.3	0.8772	4 315	9.69	10.59
1979	264 279	13.8	130 362	3.2	202.7	10.3	191.2	9.1	7.4	0.8538	4 425	12.90	11.17
1980	297 556	12.6	131 765	1.1	225.8	11.4	210.6	10.1	7.5	0.8554	8 779	14.25	14.31
1981	339 797	14.2	136 108	3.3	249.7	10.6	239.6	13.8	7.5	0.8342	7 329	19.29	18.15
1982	358 302	5.4	130 065	-4.4	275.5	10.3	265.5	10.8	11.1	0.8108	17 814	15.81	17.89
1983	389 844	8.8	134 361	3.3	290.1	5.3	280.8	5.8	11.9	0.8114	17 704	11.17	13.30
1984	420 870	8.0	141 097	5.0	298.3	2.8	293.0	4.4	11.3	0.7722	20 667	12.06	13.61

* Gross national product.

Source: Statistics Canada Cat. No. 62-010, 62-553, 67-001, 67-201, and 71-001; and Bank of Canada Review.

VII - 7. FOREST INDUSTRIES CONTRIBUTION TO CANADIAN GROSS DOMESTIC PRODUCT (G.D.P), 1970-1984

Year	G.D.P. at market price	Indirect taxes	Subsidies	G.D.P. at factor cost	Forestry services		Wood industries		Paper and allied industries		Total forest industries	
	$000 000				$000 000	%	$000 000	%	$000 000	%	$000 000	%
1970	86 648.1	12 054.9	755.9	75 349.1	-	-	-	-	-	-	-	-
1971	95 070.6	13 047.6	771.9	82 794.9	669.5	0.8	831.2	1.0	1 566.4	1.9	3 067.1	3.7
1972	106 517.0	14 759.9	883.9	92 641.1	767.7	0.8	1 162.0	1.3	1 707.6	1.9	3 637.3	3.9
1973	125 339.1	16 685.9	1 087.9	109 741.1	980.1	0.9	1 663.6	1.5	2 149.4	2.0	4 793.1	4.4
1974	150 406.7	20 876.0	2 619.1	126 911.6	1 111.8	0.9	1 480.5	1.2	3 406.8	2.7	5 999.1	4.7
1975	168 185.7	21 441.9	3 857.9	150 601.7	1 080.9	0.7	1 456.6	1.0	2 945.5	2.0	5 483.0	3.7
1976	194 902.0	24 864.0	3 344.0	173 382.0	1 339.8	0.8	1 936.0	1.1	3 436.3	2.0	6 712.1	3.9
1977	213 536.0	27 227.0	3 320.0	189 629.0	1 494.0	0.8	2 440.8	1.3	3 561.6	1.9	7 496.4	4.0
1978	238 219.0	29 090.0	3 527.0	212 656.0	1 681.0	0.8	3 010.2	1.4	4 027.1	1.9	8 718.3	4.1
1979	272 175.0	32 533.0	4 805.0	244 447.0	2 026.9	0.8	3 436.2	1.4	5 051.3	2.1	10 514.4	4.3
1980	306 651.0	36 085.0	7 352.0	277 918.0	2 133.1	0.8	3 019.5	1.1	5 934.7	2.1	11 087.3	4.0
1981	352 039.0	46 431.0	8 694.0	314 302.0	2 037.4	0.6	2 935.2	0.9	6 124.8	1.9	11 097.4	3.4
1982	370 105.0	48 582.0	8 226.0	329 749.8	1 824.2	0.6	2 333.1	0.7	5 316.3	1.6	9 473.6	2.9
1983	402 084.0	50 044.0	8 627.0	360 667.0	2 321.4	0.6	3 490.8	1.0	5 606.3	1.6	11 418.5	3.2
1984	436 870.0	55 102.0	10 952.0	392 720.0	..	..	..	..	..	..	..	..

Source: Statistics Canada Cat. No. 13-213 and 61-202.

VII - 8. FOREST INDUSTRIES CONTRIBUTION TO CANADIAN GROSS DOMESTIC PRODUCT (G.D.P.) BY PROVINCE, 1983

Province	G.D.P. at market price	Indirect taxes	Subsidies	G.D.P. at factor cost	Forestry Services		Wood Industries		Paper and allied Industries		Total forest industries	
	$000 000				$000 000	%	$000 000	%	$000 000	%	$000 000	%
Nfld.	5 444	621	115	4 938	39.5	0.8	6.9	0.1	x	x	x	x
P.E.I.	1 198	125	35	1 108	0.2	0.1	2.7	0.2	-	x	x	x
N.S.	9 428	1 246	409	8 591	27.0	0.3	40.1	0.5	x	x	x	x
N.B.	7 348	1 007	220	6 561	138.0	2.1	86.7	1.3	210.4	3.2	435.1	6.6
Altantic	23 418	2 999	779	21 198	204.7	1.0	136.4	0.6	x	x	x	x
Que	90 432	12 727	1 734	79 439	339.7	0.4	777.0	1.0	1 963.7	2.5	3 008.4	3.8
Ont.	151 650	20 253	1 751	133 148	383.0	0.3	608.5	0.5	1 884.9	1.4	2 876.4	2.2
Man.	15 048	1 920	352	13 480	15.3	0.1	53.0	0.4	x	x	x	x
Sask.	16 281	1 717	625	15 189	36.6	0.2	x	x	x	x	x	x
Alta.	56 539	4 346	2 548	54 741	36.9	0.1	204.6	0.4	x	x	x	x
Prairies	87 868	7 983	3 525	83 410	88.8	0.1	x	x	x	x	x	x
B.C.	47 238	5 996	800	42 042	1 304.9	3.1	1 669.7	4.0	1 066.5	2.5	4 041.1	9.6
Yukon and N.W.T.	1 478	86	38	1 430	-	-	x	x	-	x	x	x
Total	**402 084**	**50 044**	**8 627**	**360 667**	**2 321.4**	**0.6**	**3 490.8**	**1.0**	**5 606.3**	**1.6**	**11 418.5**	**3.2**

Source: Statistics Canada Cat. No. 13-213 and 61-202.

SECTION VIII

RELATED DATA

- Housing starts
- Transportation

VIII - 1. REVENUE FREIGHT LOADED ON RAILWAYS, 1981-1984

Commodity	1981	1982	1983	1984
		1 000 t		
Primary forest products	**13 473**	**11 428**	**12 449**	**12 026**
Pulpwood	2 662	2 579	3 023	2 137
Wood chips	8 495	7 381	8 079	8 437
Logs, poles, posts and other roundwood	2 316	1 468	1 347	1 452
Manufacturing wood products	**7 396**	**7 059**	**9 469**	**9 595**
Lumber	6 309	6 232	8 319	8 270
Veneer and plywood	1 087	827	1 150	1 325
Pulp and paper products	**11 555**	**10 337**	**10 954**	**12 089**
Woodpulp	5 175	4 813	5 600	5 499
Newsprint	4 367	4 047	4 048	5 124
Paperboard, pulpboard, and fiberboard	894	610	581	672
Other paper	1 119	867	725	794
Total forest products	**32 424**	**28 824**	**32 872**	**33 710**
Mineral products	**117 828**	**94 374**	**93 096**	**120 126**
Iron ore	49 321	35 449	30 432	37 085
Coal	23 507	24 484	25 847	39 011
Potash	9 714	7 667	9 137	10 932
Other minerals	35 286	26 774	27 680	33 098
Farm products and beverages	**35 342**	**39 569**	**41 123**	**38 718**
Grain and grain products	30 903	35 682	37 264	34 710
Other agricultural and animal products, food and beverages	4 439	3 887	3 859	4 008
Other products	**44 095**	**36 669**	**39 585**	**47 311**
Petroleum products	9 752	8 809	8 062	8 105
Iron and steel (primary and manufactured)	4 835	3 021	3 286	4 158
Miscellaneous fabricated materials and end products	29 508	24 839	28 237	35 048
Total carload traffic	**229 690**	**199 436**	**206 676**	**239 865**
Less-than-carload traffic	502	424	403	43
Total	**230 192**	**199 860**	**207 079**	**239 908**

Source: Statistics Canada Cat. No. 52-001.

VIII - 2. DWELLING UNITS* STARTED BY PROVINCE, 1950-1984

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
1950	2 090	333	2 705	2 323	7 451	28 515	33 430	4 072	2 904	8 623	15 599	7 536	**92 531**
1960	2 026	272	4 047	1 780	8 125	28 589	42 282	5 132	4 339	8 387	17 858	12 004	**108 858**
1970	2 636	784	5 878	3 182	12 480	47 118	76 675	8 945	1 743	16 251	26 939	27 316	**190 528**
1971	3 658	1 363	7 308	4 930	17 259	51 782	89 980	10 705	3 560	25 602	39 867	34 765	**233 653**
1972	3 901	1 079	5 164	6 358	16 502	55 746	102 933	12 068	4 845	22 503	39 416	35 317	**249 914**
1973	4 831	2 122	7 734	7 235	21 922	59 550	110 536	11 531	6 386	20 977	38 894	37 627	**268 529**
1974	4 911	1 334	6 008	5 861	18 114	51 642	85 503	8 752	7 684	19 008	35 444	31 420	**222 123**
1975	5 342	847	6 366	6 983	19 538	54 741	79 968	7 845	10 505	24 707	43 057	34 152	**231 456**
1976	5 709	842	7 470	6 772	20 793	68 748	84 682	9 339	13 143	38 771	61 253	37 727	**273 203**
1977	3 719	824	7 495	4 308	16 346	57 580	79 130	9 410	12 825	38 075	60 310	32 358	**245 724**
1978	2 865	1 210	4 853	5 167	14 095	43 671	71 710	12 121	9 527	47 925	69 573	28 618	**227 667**
1979	2 999	1 068	4 538	5 021	13 626	41 730	56 887	5 772	11 742	39 947	57 461	27 345	**197 049**
1980	3 848	475	3 895	2 646	10 864	29 186	40 127	2 597	6 250	32 031	40 878	37 546	**158 601**
1981	3 210	203	3 715	2 188	9 316	29 645	50 161	2 824	5 972	38 470	47 266	41 585	**177 973**
1982	2 793	248	3 691	1 680	8 412	23 492	38 508	2 030	6 822	26 789	35 641	19 807	**125 860**
1983	3 281	673	5 697	4 742	14 393	40 318	54 939	5 985	7 269	17 134	30 388	22 607	**162 645**
1984	2 720	643	4 598	2 873	10 834	41 902	48 171	5 308	5 221	7 295	17 824	16 169	**134 900**

* Dwelling unit is defined as a structurally separate set of living premises with a private entrance (excluding mobile dwellings).

Source: Statistics Canada Cat. No. 64-002.

VIII - 3. VALUE OF BUILDING CONSTRUCTION IN CANADA, 1961-1985

Year	Residential	Industrial	Commercial	Institutional	Other	Total
			$000 000			
1961	1 951	411	754	647	380	4 143
1962	2 100	492	719	827	405	4 543
1963	2 257	535	737	857	306	4 692
1964	2 604	666	846	766	297	5 179
1965	2 752	775	1 015	1 019	344	5 905
1966	2 843	1 001	1 250	1 171	397	6 662
1967	3 065	870	1 221	1 258	412	6 826
1968	3 587	744	1 146	1 379	402	7 258
1969	4 228	869	1 152	1 335	472	8 056
1970	4 008	1 000	1 287	1 330	473	8 098
1971	4 976	1 023	1 405	1 456	507	9 367
1972	5 871	927	1 706	1 249	575	10 328
1973	7 165	1 162	2 211	1 200	666	12 404
1974	8 461	1 556	2 969	1 383	877	15 246
1975	8 690	1 537	3 732	1 561	1 089	16 609
1976	12 669	1 479	3 628	1 594	1 101	20 471
1977	13 126	1 758	3 639	1 662	1 123	21 308
1978	13 780	1 586	3 876	1 682	1 310	22 234
1979	14 267	2 096	5 098	1 831	1 414	24 706
1980	13 872	3 025	5 912	2 171	1 560	26 540
1981	16 365	3 611	6 989	2 593	1 979	31 537
1982	13 581	3 044	7 063	3 092	2 062	28 842
1983	16 851	2 450	6 482	3 061	1 905	30 749
1984	16 497	2 707	7 034	3 028	2 068	31 334
1985	16 912	2 967	7 374	3 186	2 143	32 582

Source: Total value of construction work purchased - type of structure, Statistics Canada Cat. No. 64-201.

SECTION IX

WORLD FORESTRY

The world forestry figures were retrieved from the "1983 Yearbook of Forest Products." The publication of the Yearbook is made possible by the cooperation of governments which supplied most of the information in the form of replies to questionnaires. The Forestry Department of the Food and Agriculture Organization in collaboration with the Economic Commission for Europe compiled the results.

The time series published at the end of this section were compiled using the 1984 Yearbook data on tape released in February 1986.

The products are classified using the "United Nations Standard International Trade Classification (SITC) Revision 2."

IX - 1. WORLD FOREST RESOURCES - FOREST AREAS AND GROWING STOCKS BY REGION AND SPECIES GROUP

Continents and countries	Forest areas							Forest percent of land areas*	Growing stocks		
	Closed forest		Other wooded land		Total						
	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Total		Softwoods	Hardwoods	Total
	1 000 ha							%	1 000 000 m^3		
Total North America	287 792	171 564	220 245	54 875	508 037	226 439	**734 478**	37.9	28 500	11 400	**39 700**
Canada	204 255	59 845	145 910	26 390	350 165	86 235	**436 400**	43.7	15 500	4 100	**19 600**
United States	83 537	111 719	74 335	28 485	157 872	140 204	**298 078**	31.8	12 800	7 300	**20 100**
Central America and Mexico	25 038	47 230	-	348	25 038	47 578	**72 614**	26.9	1 900	3 600	**5 500**
South America	19 474	647 498	1 000	247 047	20 474	894 545	**915 019**	51.4	900	90 600	**91 500**
Africa	7 776	228 088	6 115	501 734	13 891	729 822	**743 713**	24.5	200	24 800	**25 000**
Europe, without USSR	88 413	48 592	9 576	12 321	97 989	60 913	**158 902**	30.5	8 000	4 000	**12 000**
USSR	593 700	197 900	86 200	50 800	679 900	248 700	**928 600**	41.5	65 300	20 600	**85 900**
Asia	86 552	275 270	15 688	90 722	102 238	365 992	**468 230**	18.5	6 000	32 000	**38 000**
Oceania	12 060	211 344	3 935	71 608	15 995	282 952	**298 947**	27.9	700	5 300	**6 000**
World	**1 120 805**	**1 827 486**	**342 757**	**1 029 455**	**1 463 562**	**2 856 941**	**4 320 503**	**32.3**	**111 300**	**192 300**	**303 600**

* Including water.

Source: Forest resources 1980, Food and Agriculture Organization of the United Nations 1985. Cibula, E.J. Trends in timber supply and trade-in information review 1980. Department of the Environment, London.

IX - 2. WORLD PRODUCTION OF ROUNDWOOD, 1983

Continents and countries	Industrial roundwood				Fuelwood and charcoal	Total round-wood
	Logs and bolts	Pulpwood	Other roundwood	Total		
				1 000 m^3		
Total North America	**297 799***	**161 024**	**13 031***	**471 854**	**107 410**	**579 264**
Canada*	96 318	38 134	1 562	136 014	5 488	141 502
United States	201 481*	122 890	11 469	335 840	101 922*	437 762
Central America	**7 502**	**2 539**	**863**	**10 904**	**43 217**	**54 121**
Mexico	3 869	2 439	162*	6 470	13 335*	19 805
South America	**45 426**	**26 124**	**6 990**	**78 540**	**210 290**	**288 829**
Brazil*	31 744	20 900	4 969	57 613	162 635	220 248
Chile*	3 298	3 100	553	6 951	5 898	12 849
Africa	**22 932**	**8 366**	**23 341**	**54 639**	**414 406**	**469 046**
Europe	**154 065**	**106 006**	**26 783**	**286 854**	**54 768**	**341 622**
Economic Community	42 535	23 095	5 149	70 779	21 903	92 682
EEC minus United Kingdom	40 055	22 030	4 883	66 967	21 763	88 732
Belgium-Luxembourg	1 580	668*	255	2 503	538	3 041
Denmark	1 520	707	356	2 583	370	2 953
France	20 010	8 604	807*	29 421	10 418*	39 839
Germany, Fed. Rep.	13 050	10 150*	2 085*	25 285	4 200	29 485
Greece	680	132*	21	833	1 991*	2 824
Ireland	473	480*	27*	980	46	1 026
Italy	2 467	909*	1 184*	4 560	4 098	8 658
Netherlands	275	380	149	804	102*	906
United Kingdom	2 480	1 065	265	3 810	140	3 950
Scandinavia	45 468	45 534	1 853	92 855	8 431*	101 286
Finland	16 358	17 489	1 384	35 231	3 208	38 439
Norway	4 710	3 755*	289*	8 754	799*	9 553
Sweden	24 400	24 290	180	48 870	4 424*	53 294
Other European countries	66 062	37 377*	19 781*	123 220	24 434*	147 654
USSR*	**149 400**	**37 100**	**86 100**	**272 600**	**83 300**	**355 900**
Asia	**133 746**	**19 665**	**55 032**	**208 443**	**711 139**	**919 582**
China	40 784	5 313	30 917	77 014	154 636	231 650
Japan*	20 396	10 383	1 454	32 233	580	32 813
Korea, Rep. of (South)*	2 077	317	812	3 206	6 983	10 189
S.E. Asia	43 117	1 587	5 140	49 844	150 068	199 912
Oceania	**14 352**	**10 106**	**1 039**	**25 497**	**8 369**	**33 866**
Australia	6 983	6 149	415	13 547	2 468	16 015
New Zealand*	5 614	3 739	618	9 971	50	10 021
World	**825 221**	**370 930**	**213 180**	**1 409 331**	**1 632 900**	**3 042 230**

* FAO estimate.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 3. WORLD INDUSTRIAL ROUNDWOOD PRODUCTION BY SPECIES GROUP, 1983

Continents and countries	Softwoods	Hardwoods	Total
		1 000 m^3	
Total North America	**384 371**	**87 483**	**471 854**
Canada	127 592	8 422	136 014
United States	256 779	79 061	335 840
Central America	**7 509**	**3 395**	**10 904**
Mexico	5 848	622	6 470
South America	**30 405**	**48 135**	**78 540**
Brazil*	23 396	34 217	57 613
Chile	6 084*	867	6 951
Africa	**8 879**	**45 760**	**54 639**
Europe	**208 788**	**78 066**	**286 854**
Economic Community	45 556	25 223	70 779
EEC minus United Kingdom	42 561	24 408	66 969
Belgium-Luxembourg	1 731	772	2 503
Denmark	2 007	576	2 583
France	15 704	13 717	29 421
Germany, Fed. Rep.	19 835	5 450	25 285
Greece	429	404	833
Ireland	972	8	980
Italy	1 254	3 306*	4 560
Netherlands	629	175	804
United Kingdom	2 995	815	3 810
Scandinavia	81 775	11 080	92 855
Finland	29 938	5 293	35 231
Norway	8 377	377	8 754
Sweden	43 460	5 410	48 870
Other European countries	81 457	41 763	123 220
USSR*	**241 900**	**30 700**	**272 600**
Asia	**80 533**	**127 911**	**208 443**
China	48 355	28 659	77 014
Japan	21 071	11 162	32 233
Korea, Rep. of (South)*	2 264	942	3 206
S.E. Asia	538	49 306	49 844
Oceania	**14 272**	**11 226**	**25 497**
Australia	4 425	9 122	13 547
New Zealand*	9 709	262	9 971
World	**976 656**	**432 675**	**1 409 331**

* FAO estimate.

Note: Canada produces about 14% of the world output of softwood (coniferous) timber.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 4. WORLD OUTPUT OF LUMBER, 1983

Continents and countries	Lumber			Railway ties	Total lumber and railway ties
	Softwoods	Hardwoods	Total		
	1 000 m^3				
Total North America	**110 661***	**15 308**	**125 969**	**210****	**126 179**
Canada	47 161	908	48 069	-	48 069
United States	63 500*	14 400	77 900	210**	78 110
Central America	**1 957**	**793**	**2 750**	**264**	**3 014**
Mexico	1 275	49	1 324	215	1 539
South America	**9 130**	**12 769**	**21 899**	**132**	**22 031**
Brazil**	7 475	8 377	15 852	-	15 852
Chile	1 423	184	1 607	3**	1 610
Africa	**1 847**	**5 682**	**7 529**	**336**	**7 865**
Europe	**68 297**	**17 307**	**85 604**	**1 384**	**86 988**
Economic Community	17 071	7 645	24 716	527**	25 243
EEC minus United Kingdom	15 844	7 255	23 099	525	23 624
Belgium-Luxembourg	423	220	643	52**	695
Denmark**	400	400	800	29	829
France	5 570	3 556	9 126	261**	9 387
Germany, Fed. Rep.	7 879	1 502	9 381	119**	9 500
Greece	200	190	390	--	390
Ireland	228	19	247	.	247
Italy	1 000	1 200	2 200	64**	2 264
Netherlands	144	168	312	-	312
United Kingdom	1 227	390	1 617	2**	1 619
Scandinavia	21 821	270	22 091	56**	22 147
Finland	7 925	70	7 995	28	8 023
Norway	2 350	10	2 360	2**	2 362
Sweden	11 546	190	11 736	26**	11 762
Other European countries	29 405	9 392	38 797	801**	39 598
USSR	**97 000**	**12 200****	**109 200**	-	**109 200**
Asia	**48 039**	**42 069**	**90 108**	**790**	**90 898**
China	15 330	9 014	24 344	66	24 410
Japan	24 110*	5 491*	29 601	69**	29 670
Korea, Rep. of (South)	2 510	942	3 452	66**	3 518
S.E. Asia	48	13 795	13 843	160	14 003
Oceania	**3 204**	**1 795**	**4 999**	**214**	**5 213**
Australia	1 042	1 556	2 598	196	2 794
New Zealand	2 099	37	2 136	18**	2 154
World	**340 136**	**107 923**	**448 059**	**3 330**	**451 388**

* Unofficial figure.

** FAO estimate.

Note: Because production in Canada and the United States is based largely on nominal sizes, the actual wood volume is overstated by about one-third for these countries.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 5. WORLD OUTPUT OF PANEL PRODUCTS, 1983

Continents and countries	Plywood	Particle-board	Veneer sheets	Hardboard and building board	Rigid insulating board	Total panels
			1 000 m^3			
Total North America	**19 154**	**8 101**	**474**	**2 200**	**3 313**	**33 242**
Canada	2 064	1 581	474*	170	553	4 842
United States	17 090	6 520	-	2 030	2 760	28 400
Central America	**383**	**436**	**17**	**26**	**13**	**875**
Mexico	313*	412*	8	26*	-	759
South America	**1 188**	**1 109**	**361**	**664**	**338**	**3 660**
Brazil*	902	660	234	540	303	2 639
Chile	15	47	9	42	-	113
Africa	**409**	**450**	**414**	**48**	**33**	**1 354**
Europe	**3 245**	**22 994**	**1 469**	**2 895**	**1 190**	**31 793**
Economic Community	1 422	12 508	702*	589	159	15 380
EEC minus United Kingdom	1 407	11 990	680	532	131	14 740
Belgium-Luxembourg	70	1 725	33*	-	3	1 831
Denmark	30*	245	6*	--	-	281
France	483	1 904	58*	156	57	2 658
Germany, Fed. Rep.	334	5 807	235*	211	50*	6 637
Greece	52	390	12	20	-	474
Ireland	-	56	-	-	-	56
Italy	420	1 800	336*	145	-	2 701
Netherlands	18	63	-	-	21	102
United Kingdom	15	518	22*	57	28	640
Scandinavia	741	1 948	31*	465	452	3 637
Finland	580	605	18*	107	131	1 441
Norway	10*	363	-	68	174	615
Sweden	151	980	13*	290	147	1 581
Other European countries	1 082	8 538	736*	1 841	579	12 776
USSR	**2 315**	**6 215**	**476***	**1 595***	**1 407***	**12 008**
Asia	**15 338**	**2 103**	**748**	**1 101**	**333**	**9 622**
China	1 634	120	7	579	-	2 340
Japan*	6 740	1 232	300	259	305	8 836
Korea, Rep. of (South)	1 491	44	-	11	-	1 546
S. E. Asia	4 876	7	399	66	.	5 348
Oceania	**139**	**674**	**58**	**179**	**40**	**1 090**
Australia	71	534	29*	86	12	732
New Zealand	55	140	11*	121*	28*	355
World	**42 171**	**42 082**	**4 016**	**8 708**	**6 667**	**103 645**

* FAO estimate.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 6. WORLD OUTPUT OF PULP, 1983

Continents and countries	Chemical	Semi-chemical	Mechanical	Dissolving	Total wood pulp
			1 000 t		
Total North America	**49 331**	**3 799**	**12 390**	**1 361**	**66 881**
Canada	10 906	305	7 793	217	19 221
United States	38 425	3 494	4 597	1 144	47 660
Central America	**417**	**-**	**59**	**4**	**480**
Mexico	417	-	56	4*	477
South America	**4 158**	**254**	**410**	**43**	**4 865**
Brazil	3 019	86	240	40	3 385
Chile	656	-	140	.	796
Africa	**780**	**114**	**581**	**386**	**1 861**
Europe	**19 272**	**1 485**	**9 205**	**1 169**	**31 131**
Economic Community	2 241	443	2 445	191	5 320
EEC minus United Kingdom	2 241	344	2 371	191	5 147
Belgium-Luxembourg*	209	-	128	-	337
Denmark	-	49	-	-	49
France	1 351	119	392	10	1 872
Germany, Fed. Rep.	576	78	1 281	146	2 081
Greece	-	-	15	-	15
Ireland	-	-	-	-	-
Italy	105	98	409	35*	647
Netherlands	-	-	146	-	146
United Kingdom	-	99	74	-	173
Scandinavia	11 074	606	5 373	394	17 447
Finland	4 195	301	2 483	184	7 163
Norway	510	71	925	135	1 641
Sweden	6 369	234	1 965	75	8 643
Other European countries*	5 957	436	1 382	584	8 364
USSR*	**6 275**	**344**	**1 807**	**796**	**9 222**
Asia	**8 118**	**585**	**2 282**	**414**	**11 398**
China	1 000	-	355	-	1 355
Japan	6 440	553	1 595	260	8 848
Korea, Rep. of (South)	116	-	126	-	242
S.E. Asia	106	-	40	-	146
Oceania	**787**	**234**	**792**	**-**	**1 813**
Australia	216	214	321	-	751
New Zealand	571	20	471	-	1 062
World	**89 138**	**6 815**	**27 526**	**4 173**	**127 651**

* FAO estimate.

Note: Canada produces about 15% of the world ouput of wood pulp.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 7. WORLD OUTPUT OF PAPER AND PAPERBOARD, 1983

Continents and countries	Newsprint	Printing and writing paper	Wrapping and packaging paper and board	Tissue and sanitary paper	Other paper and paperboard	Total
			1 000 t			
Total North America	**13 173***	**17 131**	**34 774**	**4 727**	**2 352**	**72 157**
Canada	8 486	1 726	2 756	385	-	13 353
United States	4 687*	15 405	32 018	4 342	2 352	58 804
Central America	**157**	**450**	**1 212**	**289**	**104**	**2 212**
Mexico	157	404	1 153	246	59	2 019
South America	**429**	**1 389**	**2 961**	**518**	**461**	**5 758**
Brazil	106	952	1 733	263	372	3 426
Chile	155	53	120	36	14	378
Africa	**381**	**323**	**783**	**75**	**185**	**1 747**
Europe	**6 003**	**15 974**	**21 163**	**2 716**	**5 143**	**50 999**
Economic Community	1 448	9 219	10 525	1 680	1 375	24 247
EEC minus United Kingdom	1 368	8 316	8 976	1 267	1 112	21 039
Belgium-Luxembourg**	105	423	209	95	51	883
Denmark	-	152	117	14	36	319
France	221	2 123	2 550	216	152	5 262
Germany, Fed. Rep.	654	3 368	3 168	565	518	8 273
Greece	15	53	83	85	41	277
Ireland	-	-	20**	-	-	20
Italy	194	1 671	1 927*	156*	311	4 259*
Netherlands	179	526	902	136	3	1 746
United Kingdom	80	903	1 549	413	263	3 208*
Scandinavia	3 673	3 764	5 598	439	631	14 105
Finland	1 613	2 382	1 918	156	319	6 388
Norway	711	261	332**	23**	41	1 368
Sweden	1 349	1 121	3 348	260	271	6 349
Other European countries**	882	2 991	5 040	597	3 137	12 647
USSR	**1 392**	**1 173**	**-**	**-**	**6 413**	**8 978**
Asia	**4 233**	**7 952**	**9 702**	**1 187**	**7 557**	**30 631**
China	1 143	2 027	-	-	3 718	6 888
Japan	2 562	4 319	7 543	997	3 021	18 442
Korea, Rep. (South)	232	416	1 129	61	144	1 982
S.E. Asia	70	202	125	27	218	642
Oceania	**644**	**214**	**620**	**153**	**469**	**2 100**
Australia	376	179	328	113	434	1 430
New Zealand	268	35	292	40	35	670
World	**26 412**	**44 606**	**71 215**	**9 665**	**22 683**	**174 581**

* Unofficial figure.

** FAO estimate.

Note: Canada produces 32% of the world's newsprint.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 8. WORLD EXPORTS OF FOREST PRODUCTS, 1983

Continents and countries	Roundwood	Lumber and railway ties	Panel products	Wood pulp	Paper and paperboard	Total
			U.S.$000 000			
Total North America	**1 594**	**4 136**	**612**	**3 832**	**5 717**	**15 891**
Canada	222	3 238	301	2 481	3 998	10 240
United States	1 372	898	311	1 351	1 719	5 651
Central America	**5**	**29**	**20**	**-**	**45**	**99**
Mexico	--	4	9	-	5*	18
South America	**44**	**323**	**183**	**467**	**315**	**1 332**
Brazil	2	179	122	311	208	823
Chile	35	66	8	156	48	312
Africa	**565**	**149**	**102**	**224**	**63**	**1 104**
Europe	**934**	**3 796**	**1 945**	**2 597**	**10 589**	**19 861**
Economic Community	440	531	1 032	228	3 936	6 167
EEC minus United Kingdom	416	519	989	227	3 430	5 581
Belgium-Luxembourg	56	63	288	50	394	851
Denmark	31	41	38	10	107	227
France	156	129	187*	90	701	1 263
Germany, Fed. Rep.	138*	176*	309*	55	1 549	2 227
Greece	--	1	16	-	13	31
Ireland	6	9*	3	--	16*	35
Italy	5	18*	113*	21	362*	519
Netherlands	23*	82*	34*	1	288	428
United Kingdom	24	12	43	1	506	586
Scandinavia	127	1 971	428	1 858	5 217	9 601
Finland	72	704	293	583	2 508	4 160
Norway	17	56	18	189	447	727
Sweden	38	1 211	117	1 086	2 262	4 713
Other European countries	367	1 294	484	512	1 435*	4 092
USSR*	**701**	**929**	**184**	**383**	**360**	**2 557**
Asia	**2 007**	**1 355**	**1 499**	**38**	**855**	**5 754**
China	18	38	368	21	75	519
Japan	9	23	77	16	609	734
Korea, Rep. of (South)	-	21	110	-	58	189
S.E. Asia	1 859	1 154	895	2	43	3 953
Oceania	**267**	**75**	**29**	**114**	**172**	**658**
Australia	140	12	4	-	62	218
New Zealand	39	56	19	114	111	338
World	**6 116**	**10 793**	**4 573**	**7 656**	**18 117**	**47 255**

* FAO estimate.

Note: Canada accounts for 21.7% of total world exports of forest products.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 9. WORLD IMPORTS OF FOREST PRODUCTS, 1983

Continents and countries	Roundwood	Lumber and railway ties	Panel products	Wood pulp	Paper and paperboard	Total
			U.S.$000 000			
Total North America	**213**	**3 042**	**948**	**1 551**	**4 072**	**9 827**
Canada	102	240	95	66	338	841
United States	111	2 802	853	1 485	3 734	8 986
Central America	**20**	**280**	**61**	**110**	**665**	**1 136**
Mexico	4	50	5	81	228	367
South America	**25**	**91**	**50**	**217**	**615**	**998**
Brazil	7	9	7	6	121	150
Chile	-	-	-	-	43	43
Africa	**142**	**770**	**233**	**143**	**730**	**2 018**
Europe	**2 093**	**5 738**	**2 688**	**4 408**	**9 958**	**24 885**
Economic Community	1 260	4 839	2 253	3 575	8 277	20 204
EEC minus United Kingdom	1 220	3 458	1 536	2 941	5 886	15 042
Belgium-Luxembourg	146	261	145	173	629	1 353
Denmark	10	212	120	44	363	749
France	216	414	195*	625	1 082	2 532
Germany, Fed. Rep.	302	861*	569	1 126	2 023	4 881
Greece	32	68	4	55	125	285
Ireland	5	64*	35*	5	180*	289
Italy*	456	960	175	689	634	2 914
Netherlands	54*	618*	294*	222	850	2 038
United Kingdom	40	1 381	716	634	2 391	5 163
Scandinavia	360	145	144	96	366	1 111
Finland	206	11	11	12	65	305
Norway	48	103	53	44	125	373
Sweden	106	31	79	40	177	433
Other European countries	473	753*	291	738*	1 315*	3 570
USSR	**27**	**84**	**40**	**141***	**673***	**965**
Asia	**5 553**	**1 789**	**814**	**1 591**	**2 742**	**12 489**
China	813	99	38	258	356	1 565
Japan	3 834	842	43	872	472	6 064
Korea, Rep. of (South)	587	2	-	173	64	826
S.E. Asia	81	140	129	91	586	1 026
Oceania	**5**	**172**	**48**	**77**	**435**	**738**
Australia	--	147	34	72	362	615
New Zealand	4	10	5	5	59	83
World	**8 078**	**11 967**	**4 881**	**8 238**	**19 891**	**53 055**

* FAO estimate.

Note: Canada accounts for only 1.6% of total world import of forest products.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 10. WORLD APPARENT CONSUMPTION OF FOREST PRODUCTS, 1983

Continents and countries	Roundwood	Lumber and railway ties	Panel products	Wood pulp	Paper and paperboard
		1 000 m^3		1 000 t	
Total North America	**560 380**	**116 211**	**34 208**	**60 642**	**67 530**
Canada	139 631	15 295	3 891	12 551	4 437
United States	420 749	100 916	30 317	48 091	63 093
Central America	**54 212**	**4 018**	**1 059**	**768**	**3 127**
Mexico	19 818	1 765	779	698	2 304*
South America	**287 827**	**21 084**	**3 193**	**3 843**	**6 046**
Brazil	220 229	15 540	2 297*	2 411	3 212
Chile	11 823	855	76	272	316
Africa	**464 627**	**11 047**	**1 627**	**1 712**	**2 534**
Europe	**357 672**	**92 946**	**34 644**	**34 683**	**48 950**
Economic Community	98 220	48 574	20 339	13 392	33 482
EEC minus United Kingdom	94 360	39 042	16 770	11 620	26 404
Belgium-Luxembourg	5 761	1 729	993	629*	1 512*
Denmark	1 737	1 879	583	118	838
France	38 458	10 991	2 890	3 267	6 383
Germany, Fed. Rep.	30 151	13 340	7 560	4 733	9 824
Greece	3 045	773	453	158	481
Ireland	670	497	158	8	245*
Italy	13 391	6 873*	3 078	1 996	4 873*
Netherlands	1 147	2 960	1 055**	712	2 248
United Kingdom	3 860	9 532	3 569	1 772	7 078
Scandinavia	110 176	8 988	2 577	12 531	3 422
Finland	44 362	3 145	691	5 622	1 124
Norway	10 378	2 435	639	1 243	508
Sweden	55 436	3 408	1 247	5 666	1 790
Other European countries	149 277	35 384	11 727	8 759	12 046
USSR	**339 785**	**102 193**	**11 213**	**8 556***	**8 960****
Asia	**955 091**	**93 460**	**16 986**	**15 335**	**33 876**
China	241 634	24 752	1 555	2 040	7 325
Japan	74 456	34 298	8 940*	10 961	18 372
Korea, Rep. of (South)	16 707*	3 395	1 201	743	1 935
S.E. Asia	175 965	8 688	2 243	208	963
Oceania	**25 840**	**5 538**	**1 061**	**1 575**	**2 337**
Australia	10 573	3 576	787	961	1 887
New Zealand	8 900	1 665	245	614	437
World	**3 045 435**	**446 497**	**103 990**	**127 114**	**173 360**

* FAO estimate.
** Unofficial figure.

Source: Food and Agriculture Organization of the United Nations. 1983 Yearbook of Forest Products.

IX - 11. APPARENT CONSUMPTION OF FOREST PRODUCTS BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1984

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
A. Canada							
1961	91 109	7 007	8 085	1 374	8 027	422	2 241
1965	100 792	9 226	10 531	1 969	9 810	481	3 031
1970	117 973	8 470	9 811	2 951	11 592	657	3 347
1975	115 955	11 298	12 709	4 168	9 927	661	3 440
1980	157 742	14 600	16 611	3 692	12 842	918	4 094
1981	143 504	12 630	14 220	3 945	12 661	959	4 655
1982	128 768	9 591	10 826	2 788	11 031	1 039	4 096
1983	155 292	13 970	15 295	3 891	12 551	1 011	4 437
1984	159 393	12 082	13 730	3 731	13 606	882	4 674
B. United States							
1961	291 309	69 145	83 454	11 552	23 917	6 655	34 910
1965	320 518	78 193	96 268	17 877	30 712	7 637	42 298
1970	315 422	75 711	93 090	25 203	37 676	9 032	49 773
1975	291 896	71 933	85 697	26 211	37 187	8 503	48 314
1980	399 337	84 022	101 108	27 401	46 448	10 673	60 577
1981	394 146	75 957	91 886	28 385	47 564	10 837	61 307
1982	379 568	76 069	87 211	24 197	45 022	10 219	58 584
1983	419 917	97 379	110 518	30 317	48 091	10 697	63 094
1984	421 074	99 940	114 342	31 834	51 251	11 912	68 728
C. World							
1961	2 051 918	262 913	344 211	26 335	61 607	14 477	77 466
1965	2 226 389	292 152	382 128	42 080	77 756	16 918	97 206
1970	2 455 749	311 627	413 503	69 839	101 646	21 408	125 898
1975	2 562 978	303 845	404 308	84 380	101 772	21 240	130 772
1980	2 917 818	330 683	448 310	100 365	125 162	26 507	168 647
1981	2 910 383	310 956	426 029	99 890	124 361	27 396	169 389
1982	2 908 451	308 426	418 704	94 587	119 108	26 461	166 725
1983	3 016 419	334 775	446 167	103 339	127 860	27 075	175 310
1984	3 053 766	334 810	448 542	106 845	135 344	29 218	187 345

Source: Food and Agriculture Organization of the United Nations Special Compilation 1984.

IX - 12. PRODUCTION OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1984

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
A. Canada							
1961	93 569	18 483	19 644	1 493	10 574	6 095	7 975
1965	103 670	24 302	25 782	2 314	13 221	7 003	9 758
1970	121 385	25 408	26 932	3 288	16 609	7 996	11 253
1975	115 276	25 742	26 715	3 734	14 831	7 010	10 067
1980	158 842	42 895	44 324	4 802	19 945	8 625	13 390
1981	144 572	38 715	39 671	4 711	19 275	8 946	13 835
1982	129 673	36 689	37 746	3 790	17 007	8 117	12 408
1983	156 965	47 161	48 069	4 842	19 221	8 486	13 353
1984	161 005	48 587	49 875	5 044	20 451	9 014	14 222
B. United States							
1961	289 770	61 086	75 161	10 832	22 759	1 863	30 758
1965	322 564	68 815	86 437	16 412	29 154	1 978	37 866
1970	327 945	64 971	81 854	23 026	37 318	3 143	45 805
1975	307 723	61 867	75 903	25 005	36 808	3 348	45 248
1980	418 453	66 500	84 024	26 224	46 187	4 238	56 839
1981	408 953	59 100	75 441	27 300	47 200	4 753	57 667
1982	396 686	58 700	70 177	23 000	44 786	4 574	54 899
1983	436 915	74 000	87 712	28 400	47 660	4 687	58 804
1984	438 058	73 000	87 880	29 611	50 423	5 029	62 366
C. World							
1961	2 048 900	263 251	344 219	26 281	61 531	14 362	77 494
1965	2 221 149	293 171	382 476	41 893	77 806	17 017	97 615
1970	2 456 541	312 099	414 553	69 560	101 936	21 492	126 482
1975	2 564 987	304 700	405 042	84 435	102 132	20 808	130 840
1980	2 915 752	333 602	451 037	101 062	125 729	26 236	170 113
1981	2 904 059	313 534	428 261	100 225	124 952	27 419	170 920
1982	2 905 494	310 517	420 796	94 694	119 392	25 809	166 807
1983	3 013 547	338 332	450 417	103 600	128 198	26 920	176 375
1984	3 050 542	338 580	453 487	107 693	135 350	28 916	187 683

Source: Food and Agriculture Organization Special Compilation 1984.

IX - 13. EXPORTS OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1984

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
A. Canada							
1961	3 781	11 832	12 169	210	2 603	5 673	5 881
1965	4 950	15 458	15 932	468	3 495	6 523	6 871
1970	5 598	17 337	17 743	579	5 063	7 339	8 073
1975	2 402	15 305	15 522	482	4 986	6 349	7 158
1980	4 249	28 966	29 326	1 344	7 244	7 707	9 555
1981	3 930	27 293	27 631	1 218	6 752	7 987	9 558
1982	3 564	27 605	27 903	1 171	6 123	7 078	8 642
1983	5 022	33 964	34 249	1 265	6 823	7 475	9 341
1984	5 739	37 133	37 486	1 614	7 040	8 133	10 086
B. United States							
1961	2 662	1 450	1 797	43	1 068	165	946
1965	5 796	1 969	2 304	86	1 272	76	1 490
1970	16 391	2 720	3 035	304	2 808	130	2 421
1975	18 198	3 248	4 073	1 025	2 391	150	2 569
1980	22 362	4 647	5 834	968	3 392	159	4 120
1981	17 849	4 477	5 618	1 315	3 322	245	3 576
1982	19 759	3 818	4 694	917	3 060	279	3 288
1983	20 269	4 332	5 522	1 135	3 275	268	3 577
1984	19 937	3 748	5 016	1 048	3 215	278	3 488
C. World							
1961	38 351	36 352	40 981	3 084	9 773	7 732	12 772
1965	49 768	43 950	49 434	5 292	12 480	8 985	16 489
1970	96 398	49 348	57 424	9 728	16 921	10 641	23 387
1975	100 943	43 250	52 410	12 436	15 078	9 369	23 074
1980	118 110	66 021	79 661	16 329	21 188	12 321	35 051
1981	101 963	60 730	72 633	16 733	20 197	12 922	35 442
1982	100 644	61 523	73 280	15 278	18 533	11 508	33 670
1983	103 601	70 663	83 893	17 121	20 892	12 135	36 738
1984	105 623	72 894	86 826	18 482	21 375	13 265	39 789

Source: Food and Agriculture Organization Special Compilation 1984.

IX - 14. EXPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1984

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard		Total forest products
		Softwood lumber	Total			Newsprint	Total	
				U.S.$000 000				
A. Canada								
1961	39	343	366	35	332	730	764	1 536
1965	50	456	490	70	459	809	866	1 935
1970	71	614	650	77	753	1 065	1 192	2 743
1975	58	933	961	94	1 789	1 714	1 980	4 882
1980	172	2 793	2 884	274	3 311	3 143	3 883	10 524
1981	162	2 471	2 553	255	3 186	3 608	4 272	10 428
1982	175	2 311	2 378	251	2 622	3 309	3 975	9 401
1983	222	3 169	3 238	301	2 481	3 250	3 998	10 240
1984	268	3 232	3 306	349	3 019	3 695	4 577	11 519
B. United States								
1961	55	62	84	10	159	23	212	520
1965	127	94	120	23	190	11	317	777
1970	407	162	194	42	464	19	515	1 622
1975	871	342	413	222	897	52	1 101	3 504
1980	2 007	778	1 054	284	1 629	86	2 017	6 991
1981	1 585	653	926	349	1 656	140	2 013	6 529
1982	1 528	576	805	251	1 408	143	1 714	5 706
1983	1 372	596	898	311	1 351	127	1 719	5 651
1984	1 374	530	835	236	1 483	114	1 813	5 741
C. World								
1961	669	1 344	1 608	407	1 205	1 001	2 088	5 977
1965	926	1 701	2 045	686	1 598	1 125	2 689	7 944
1970	1 898	2 180	2 688	1 146	2 498	1 493	4 336	12 566
1975	3 731	3 839	4 976	2 273	5 344	2 729	9 492	25 816
1980	8 785	9 093	12 339	5 157	9 543	5 293	20 059	55 883
1981	6 664	7 688	10 268	4 926	9 279	5 868	20 083	51 220
1982	6 346	7 011	9 454	4 317	7 773	5 282	18 740	46 630
1983	6 027	8 069	10 857	4 645	7 640	5 062	18 543	47 712
1984	5 971	7 975	10 646	4 639	8 974	5 571	20 452	50 682

Source: Food and Agriculture Organization of the United Nations Special Compilation 1984.

IX - 15. IMPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1984

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard		Total forest products
		Softwood lumber	Total			Newsprint	Total	
				U.S.$000 000				
A. Canada								
1961	14	15	31	14	8	-	42	109
1965	27	17	36	20	12	-	51	146
1970	30	21	39	36	8	-	48	161
1975	63	70	127	143	28	-	247	608
1980	82	92	251	76	64	-	224	697
1981	84	108	254	129	67	-	321	855
1982	80	58	157	54	68	-	273	632
1983	102	99	240	95	66	-	338	841
1984	128	84	246	99	94	-	438	1 005
B. United States								
1961	39	274	315	108	303	687	718	1 483
1965	35	318	375	192	398	790	833	1 833
1970	46	424	487	265	480	930	1 022	2 300
1975	52	834	920	334	1 037	1 457	1 614	3 957
1980	94	1 767	1 915	586	1 673	2 638	3 314	7 582
1981	97	1 699	1 851	660	1 753	2 825	3 347	7 708
1982	91	1 569	1 671	504	1 485	3 749	4 338	8 089
1983	114	2 646	2 800	853	1 485	2 817	3 734	8 986
1984	96	2 557	2 723	766	1 845	3 370	5 189	10 619
C. World								
1961	936	1 509	1 841	435	1 316	1 125	2 230	6 758
1965	1 357	1 925	2 361	730	1 743	1 251	2 870	9 061
1970	2 721	2 441	3 021	1 184	2 650	1 619	4 568	14 144
1975	5 187	4 222	5 587	2 309	5 594	3 117	10 151	28 828
1980	12 437	10 177	13 966	5 234	9 781	5 758	20 835	62 253
1981	8 948	8 273	11 419	5 063	9 645	6 159	20 823	55 898
1982	8 593	8 116	11 069	4 492	8 471	6 930	21 589	54 214
1983	7 908	8 740	11 787	4 790	8 103	5 573	19 956	52 544
1984	7 871	8 439	11 487	4 706	9 319	6 146	22 414	55 797

Source: Food and Agriculture Organization of the United Nations Special Compilation 1984.

SECTION X

USER'S GUIDE

- Conversion factors
- Definitions of terms
- Key to symbols
- Trade area groupings

X. USER'S GUIDE

A. Definitions of Terms

Balance of trade: The difference between the dollar, or money, value of a country's exports and imports of merchandise or of goods and services. If a country exports more than it imports, it has a trade surplus; if it imports more than it exports, it has a trade deficit. The balance of trade is an important part of a country's overall balance of payments.

Cansim (Canadian Socio-Economic Information Management System): A fully computerized data bank of Statistics Canada's current and historical information from its most widely used series of statistics.

Constant dollar: Represents the value of expenditure or production measured in terms of some fixed base period's prices. (Changes in constant dollar expenditure or production can only be brought about by changes in the physical quantities of goods purchased or produced.)

Consumer price index: Measures the rate of change in a typical basket of consumer goods and services, including housing, food, and health care. It can be broken down into food and nonfood items, goods and services, and other components.

Domestic exports: Include both goods that are wholly produced in Canada and goods previously included in import statistics and which have been changed in form by further processing and then exported.

Employment, census of manufactures: Excludes working owners and partners of unincorporated businesses, which are separately tabulated. Respondents are asked for average number employed during the year. Production and related workers in manufacturing activity include those employees at the establishment engaged in processing, assembling, storing, inspecting, handling, and packing products and in maintenance, repair, janitorial, and security services; and working foremen. (Outside pieceworkers' remuneration is included in cost of materials.)

Employment, labor force survey: Persons who, during the reference period: a) did any work at all, for pay or profit in the context of an employer-employee relationship, or were self-employed (including unpaid family work, which is defined as work contributing directly to the operation of a family farm, business, or professional practice owned or operated by a related member of the household); or b) had a job but were not at work due to own illness or disability, personal or family responsibilities, bad weather, labor dispute, or other reasons (excluding persons on layoff and those with a job to start at a future date).

Establishment: The smallest unit capable of reporting certain specified input and output data; usually a plant or mill. Numbers for 1975 declined owing to the exclusion of existing establishments deemed to have no paid employees. Principal statistics of an establishment active in more than one municipality are prorated to "quasi-establishment" locations, which are treated as establishments in compilations.

Exports: Sum of domestic exports and re-exports.

Fuel and electricity (cost of): Consumption of purchased fuel and electricity only, at laid-down cost including transportation and handling charges, duties, etc. Applies to large establishments only. Data for nonmanufacturing activity included under manufacturing activity except where an ancillary office uses a separate "head office" report. In this latter case, the fuel reported is included under cost of materials for "Total Activity" only.

Gross merchantable volume of wood: Volume of the main stem, excluding stump and top but including defective and decayed wood, of trees or stands of trees.

Gross national product (GNP): A nation's total output of goods and services, expressed either in current dollar value or, by adjusting for inflation, in real terms or by changes in physical volume. The change in the gross national product each year is the growth rate of the economy. In spite of its imperfections - it includes the costs of fighting crime and of reducing pollution as part of the nation's output, but fails to measure such benefits as increased leisure time - the gross national product is the best overall measure of economic performance.

Hardwoods: Generally one of the botanical groups of trees that have broad leaves and are referred to as deciduous in contrast to the conifers or softwoods. The term has no reference to the actual hardness of the wood.

Immature: In even-aged management, those trees or stands that have grown past the regeneration stage, but are not sufficiently developed to be harvestable (except for thinning operations).

Implicit price index: The most comprehensive of all the indicators available in Canada for measuring price change, because it covers the entire range of goods and services produced and sold in the economy. It is, therefore, used as a measure of price change taking place in the economy as a whole. Moreover, implicit price indexes are available for each of the main expenditure components of Gross National Product. Therefore, this set of indicators can be used to trace and identify pressure points among the principal areas of demand as they are seen to be associated with inflationary developments in the economy.

Imports: Goods and services that are consumed in one country, Canada, for example, but produced in other countries. It includes all goods that are cleared by customs on arrival in Canada, together with goods that are held in customs warehouses. The following commodity movements are excluded from import statistics: settlers' effects; private donations and gifts; goods imported by foreign representatives in Canada or brought back by Canadians returning from postings abroad; and temporary imports for exhibition or competition, including films. Bunker supplies and ships' stores purchased by Canadian vessels or aircraft abroad, temporary imports and goods merely in transit through Canadian territory are not reflected in any of the statistics.

Indirect taxes: Taxes that represent a business cost or that are incorporated into prices at the retail level are taken here as indirect. They constitute, in effect, taxes on expenditure.

Lumber: The product of saw and planing mills that is not further manufactured beyond sawing, resawing, passing lengthwise through a standard planing machine, crosscutting to length, and matching.

Materials and supplies (cost of): Generally, consumption of purchased items only at laid-down cost including transportation and handling charges, duties, etc. Includes transfers between units of the same company and work done on contract by others. At the manufacturing activity level, this item represents purchased items used in manufacturing operations.

Mature: In even-aged management, those trees or stands that are sufficiently developed to be harvestable (includes overmature trees and stands).

Mechanical wood pulp: The production of fibers and fiber bundles by grinding wood with pulpstones or by mechanical refiners as opposed to chemical methods.

Nonreserved (land): Forest land that by law or policy is available for the harvesting of forest crops.

Overmature: Trees or stands of trees past rotation age. Openings in canopy as a result of mortality are becoming apparent.

Paper: Generally, a matted or felted sheet of vegetable fiber, formed on a screen from a water suspension, used for writing and printing as well as for wrapping and many other purposes. Paper is one of two broad subdivisions of the general term "paper"; the other is paperboard.

Paperboard: A general term describing sheets made of fibrous material 0.012 in. (0.3 mm) or more in thickness. Compared with paper, paperboard is heavier per unit area, thicker, and more rigid. Paperboard is the term used to describe any single variety, or group of varieties, of board materials used in the production of boxes, folding cartons, and solid fiber and corrugated shipping containers.

Particleboard: A generic term for a panel manufactured from lignocellulosic materials - commonly wood - essentially in the form of particles (as distinct from fibers). These materials are bonded together with synthetic resin or other suitable binder, under heat and pressure, by a process wherein the interparticle bonds are created wholly by the added binder.

Plywood: A composite panel or board made up of cross-banded layers or plies, bonded with an adhesive, of veneer only, or veneer in combination with a core of lumber, or of particleboard. Generally the grain of one or more plies is roughly at right angles to that of the other plies. An odd number of plies is almost always used.

Production: The use of raw materials to create producer and consumer goods through various refining, processing, and manufacturing activities.

Productive (land): Forest land that is capable of producing a merchantable stand within a reasonable length of time.

Real gross national expenditure: The total level of demand in the economy for goods and services; it shows how the gross national product, the total output of goods and services, is consumed through consumer spending, investment, and government spending.

Re-exports: Include only goods previously included in import statistics and which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

Regeneration: The renewal of a forest crop by natural or artificial means.

Reserved lands: Forest land that, by law or policy, is not available for the harvesting of forest crops.

Salaries and wages: These are compiled before deductions for income tax and employee-paid portions of both employee benefits and social insurance. They include payments for regular work, overtime, and paid leave as well as bonuses, commissions paid to regular employees, severence pay, etc. Withdrawals of working owners and partners of unincorporated businesses are excluded.

Sash: A frame structure, normally glazed (e.g., a window), that is hung or fixed in a frame set in an opening.

Selling price index: An index that shows changes in the overall inflation rate or the rate of price change for a particular sector of the economy, with the base year equal to 100.

Semichemical pulp: Pulp obtained by mild treatment of wood chips by any of the chemical pulping processes, which remove only part of the lignin from the wood chips, followed by mechanical treatment to complete the separation of individual cellulose fibers.

Shakes: In construction, a type of shingle usually hand split from a bolt and used for roofing or weatherboarding.

Shingles: Thin, rectangular pieces of wood, sawn along the grain and tapering in thickness, used like tiles for roofing and weatherboarding.

Softwoods: Generally, one of the botanical groups of trees that, in most cases, have needlelike or scalelike leaves (the conifers); also the wood produced by such trees. The term has no reference to the actual hardness of the wood.

Stocked forest land: Land supporting tree growth including seedlings and saplings.

Subsidies: Direct or indirect payments or other assistance to someone to produce goods or services - in order that the consumer may benefit from lower prices, to protect producers against a decline in the price of their products, to encourage certain types of economic production, or to promote certain types of socially desirable activity.

Sulphate (kraft) pulp: A chemical wood pulp obtained by cooking wood chips at high temperature in a solution of sodium hydroxide and sodium sulfide.

Sulphite pulp: A chemical wood pulp obtained by cooking wood chips in a bisulfite-sulfurous acid solution.

Uneven-aged: Of a forest or stand, in which individual trees differ markedly in age.

Unproductive: Forest land that is incapable of producing a merchantable stand within a reasonable length of time. Includes muskeg, rock, barrens, marshes, meadows, etc., within the forest land area.

Value added, manufacturing activity: Value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, less cost of materials and supplies used, fuel, and electricity.

Valued added, total activity: Consists of value added, manufacturing activity and value added, nonmanufacturing activity. The latter is calculated by subtracting relevant commodity inputs from nonmanufacturing revenue or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Nonmanufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude nonoperating revenue such as real property rentals, dividends, and interest.

Value of shipments of goods of own manufacture: Net selling value of goods made by reporting establishment, or for its account, from its own materials. Excludes discounts, returns, allowances, sales tax, excise taxes and duties, returnable containers, and common or contract carriers' charges for outward transportation (but not own carriers' delivery expense). Includes repair and custom revenue, transfer to reporting units of same firm, all exports, and book value of own products shipped the first time on a rental basis. Includes consignment shipments to other countries, but domestic consignment shipments are included in inventory units sold.

Veneer: A thin layer or sheet of wood.

Waferboard: A type of particle board composed of wafers cut from roundwood bolts (mostly poplar) of uniform length and thickness resembling small pieces of veneer. The wafers are bonded together with resin binder, under heat and pressure, by a process similar to that by which particleboard is made.

Working owners and partners: Include only those active in unincorporated businesses.

B. Trade area groupings

Countries are arranged primarily according to geographical location. The country classification employed does not reflect the views or intentions of the Government of Canada on international issues of recognition, sovereignty, or jurisdiction. The trade areas shown in section III (Statistics Canada) and section IX (FAO) include groupings that are defined as follows:

China, People's Republic: China, Mongolia, and Taiwan.

Southeast Asia: Indonesia, Malaysia, Philippines, Singapore, and Thailand.

Middle East - African part: Arab Republic of Egypt, Ethiopia, Libya, Somalia, and Sudan.

Middle East - Asian part: Bahrain, Cyprus, Emirates (United Arab), Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman (Muscat), Qatar, Kingdom of Saudi Arabia, Syria, Turkey, Yemen South, and Yemen North.

Other Western Europe: Austria, Gibraltar, Iceland, Malta, Portugal, Spain, Switzerland.

Other Eastern Europe: Albania, Bulgaria, Czechoslovakia, Germany (East), Hungary, Poland, Romania, and Yugoslavia.

Note: To facilitate the comparison with certain studies published by FAO, **Mexico** is assigned to Central America instead of North America.

C. Conversion factors

All units of measure in this publication are shown in metric only. The following table shows the factors used in converting from imperial measure to metric.

Description	Imperial measure	Conversion factor	Metric measure
Logs	MBF (million board feet)	4.53	m^3
Bolts	cord	2.4069	m^3
Flooring	MBF (million board feet)	2.35974	m^3
Lumber	MBF (million board feet)	2.35974	m^3
Newsprint and paper and paperboard	CWT (hundredweights)	0.04536	t
Particleboard	sf 5/8 (square foot 5/8")	0.00147	m^3
Plywood - softwoods	sf 3/8 (square foot 3/8")	0.00088	m^3
- hardwoods	sf 1/4 (square foot 1/4")	0.0005899	m^3
Pulpwood - peeled	cord	2.69010	m^3
- unpeeled	cord	2.40693	m^3
Pulpwood chips	ton	0.90718	t
Railway ties	number	0.038 X 2.35974	m^3
Shingles and shakes	rfsq (roof squares)	9.290304	m^2
Veneer - softwoods	sq ft (square foot)	0.000295	m^3
- hardwoods	sq ft (square foot)	0.000116	m^3
Wood pulp	CWTAD (hundredweights air dry)	0.04536	t

D. Key to symbols

The standard symbols used by Statistics Canada have been adopted for use in this manual. They are as follows:

...	figures not appropriate or not applicable
..	figure not available
-	nil or zero
--	amount too small to be expressed
p	preliminary figures
x	confidential to meet secrecy requirements under the Statistics Act
e	estimated